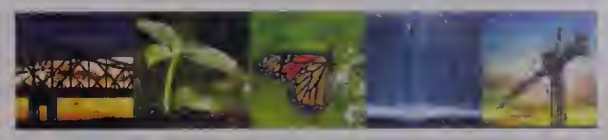

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GEOTECHNICAL
ENVIRONMENTAL
ECOLOGICAL
WATER
CONSTRUCTION MANAGEMENT

249 Vanderbilt Avenue
Norwood, MA 02062
781.278.3700
www.gza.com

January 22, 2016
GZA File No: 01.00171521.42

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup
Northeast Regional Office
205B Lowell Street
Wilmington, Massachusetts 01887

Re: Immediate Response Action Plan
Underground Storage Tank Removal
(Former) Everett Staging Yard
1 Horizon Way
Everett, Massachusetts
Release Tracking Number 3-33284

To Whom It May Concern:

GZA GeoEnvironmental, Inc. (GZA), on behalf of Wynn MA, LLC (Wynn MA), has prepared this Immediate Response Action (IRA) Plan to describe those Response Actions pursuant to the Massachusetts Contingency Plan (MCP) that will be completed to address the presence of impacted soil and/or groundwater associated with a recently unearthed underground storage tank (UST) at the above-referenced disposal site (Site). The UST was encountered during ongoing Release Abatement Measure (RAM) activities being conducted at the disposal site as part of MCP Response Actions associated with RTN 3-13341.

This IRA Plan has been prepared in accordance with 310 CMR 40.0424 of the MCP, and with the Limitations in Appendix A. This IRA Plan will be submitted electronically through MassDEP's eDEP online filing system. A copy of the IRA transmittal form (BWSC-105) is included in Appendix B. A Release Notification Form (RNF) is being submitted concurrently with this IRA Plan. A copy of the RNF (BWSC-103) is included in Appendix C.

The disposal site under RTN 3-13341 has been designated as a Public Involvement Plan (PIP) Site in accordance with Section 40.1404 of the MCP. This IRA Plan may be revised based on comments received through the PIP process.

EXECUTIVE SUMMARY

On November 25, 2015, field screening in the vicinity of a recently removed UST at the Site indicated total volatile organic compound (VOC) levels that triggered a 72-hour notification requirement to the Massachusetts Department of Environmental Protection (MassDEP) under Section 40.0313(2) of the MCP. The location of the former UST is near the CES-2 Area, which is the subject of ongoing remediation under a RAM Plan submitted for RTN 3-13341. The tank grave has been temporarily backfilled to allow for continued use of this area as access to the CES-2 Area. This IRA Plan outlines procedures for the excavation of petroleum-impacted soil associated with the UST, and for the assessment of residual petroleum concentrations in soil and groundwater.

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IRA PLAN

The following sections provide IRA Plan information in accordance with 310 CMR 40.0424.

THE NAME, ADDRESS, TELEPHONE NUMBER AND RELATIONSHIP TO THE SITE OF THE PERSON ASSUMING RESPONSIBILITY FOR CONDUCTING THE IMMEDIATE RESPONSE ACTION [310 CMR 40.0424(1)(A)]:

The entity assuming responsibility for this IRA is Wynn MA, LLC. Information for Wynn MA's contact person is provided below:

Mr. Robert DeSalvio
President
Wynn MA, LLC
101 Station Landing, 2nd Floor
Medford, Massachusetts 02155
Tel: 857-770-7801

DESCRIPTION OF RELEASE, SITE CONDITIONS AND SURROUNDING RECEPTORS [310 CMR 40.0424(1)(b)]

The following sections provide a description of the Site and surrounding area conditions, and a description of the release.

SITE AND SURROUNDING AREA CONDITIONS

The IRA disposal site is a small portion of the property at 1 Horizon Way in Everett ("the property;" Figure 1). The location of the former UST is depicted on Figure 2. The approximate latitude and longitude for the location of the UST are 42.3945 degrees north and 71.0705 degrees west, respectively. The Universal Transverse Mercator (UTM) coordinates are 4,695,655 meters north and 329,585 meters east. Access to the property is limited by the presence of a chain-link fence with two gates: one gate is in the eastern portion of the property, along Horizon Way, and the second gate is located on the northern portion of the property across an extension of Horizon Way. The ground surface at the property is generally bituminous pavement, unpaved, or compacted coarse gravel. The ground surface at the property is generally flat with a gentle slope toward the southwest. Based on an April 2013 survey prepared by Harry R. Feldman, Inc. (Professional Land Surveyors), ground surface elevations on the property range from approximately 8 to 13 feet NAVD88.

The 1 Horizon Way property is adjoined to the northeast by a vehicle maintenance and repair facility operated by the Massachusetts Bay Transportation Authority (MBTA); to the southeast by properties along Alford Street, including a vacant commercial building and facilities operated by the Boston Water and Sewer Commission (BWSC) and the Massachusetts Water Resources Authority (MWRA); to the southwest by the Mystic River; and to the northwest by railroad tracks for the MBTA Commuter Rail, beyond which are several large commercial/retail buildings associated with the Gateway Center.

The property is located within the Boston Basin, a regional depression of bedrock consisting primarily of Cambridge Argillite, a partially metamorphosed siltstone. Property conditions generally consist of fill over a variable sequence of naturally deposited organics, sand and gravel, and silty clay over weathered rock and bedrock. Filling over naturally deposited materials occurred in the area of the property from the late 1800s through the early 1960s. More recent naturally deposited sediments along the shoreline include sand, silt, and organics.

Depth to groundwater at the property ranges from approximately 4 to 10 feet. Groundwater at the property flows generally toward the east on the southern portion of the property and generally toward the south on the northern portion of the property. Depth to water in the area of the UST is approximately 10 feet, while groundwater in this area is anticipated to flow easterly, toward the Mystic River.

According to a Massachusetts Geographic Information System (MassGIS) map, a copy of which is included in Appendix D, the property is not located in or within 500 feet of a Zone II public water supply, a potentially productive aquifer, a Zone A surface water body, an Interim Wellhead Protection Area, a protected wetlands habitat, or an Area of Critical Environmental Concern. Protected open space associated with Gateway Park is located approximately 400 feet to the northwest of the property.

Soil and groundwater at the property have been contaminated by historic activities, including the former use of the property as a chemical manufacturing facility. On August 18, 2015, Wynn MA and GZA submitted a RAM Plan under RTN 3-13341 documenting MCP Response Actions to be completed prior to the redevelopment of the property. RAM activities are ongoing at the property. The objective of the activities described in the RAM Plan is to reduce the risks associated with soil and groundwater contamination in the three areas of the property previously identified as the A-5 Area, the CES-2 Area, and the Low pH Area. Soils containing elevated concentrations of arsenic and lead in the A-5 Area are being excavated and disposed of off-site. Elevated concentrations of arsenic in soil and groundwater in the CES-2 Area are being addressed through the excavation and disposal of soil off-site. Soil and groundwater in the Low pH Area are being treated using in-situ solidification/stabilization (ISS) to both reduce the ability of groundwater to flow through the Area, and raise the pH to limit the further mobilization of metals from soil to groundwater.

RELEASE HISTORY

On November 9, 2015, during excavation activities being conducted under the RAM for RTN 3-13351 near the CES-2 Area, an approximately 5,000-gallon, single-wall steel UST was uncovered. The UST was not within the target remediation zone of the CES-2 Area, but was within an adjacent part of the property being excavated to create a ramp down to the target remediation zone. The UST measured approximately 6 feet by 27 feet, with an estimated volume of 5,000 gallons. The tank was encountered at a depth of approximately 6.5 feet below the existing ground surface, beneath an approximately 1-foot thick concrete slab. The UST appeared to be filled with a mixture of soil and groundwater that exhibited a petroleum-like odor. Representative samples of the soil and water from within the UST were obtained and submitted to ESS Laboratory (ESS)

of Cranston, Rhode Island, for analysis of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pH, total petroleum hydrocarbons (TPH), polychlorinated biphenyls (PCBs), MCP 14 metals, conductivity and/or reactivity. The analytical report is included as Appendix E.

Removal of the UST contents was initiated on November 24, 2015. Liquid within the UST was removed using a vac-truck. Approximately 1,253 gallons were transported by Clean Harbors Environmental Services (CHES) under hazardous waste manifest to CHES' facility in South Portland, Maine A copy of the manifest is included as Appendix F. The sludge within the UST was excavated into three lined roll-off containers for treatment to remove excess liquids (through addition of wood chips) before off-site disposal (see below).

On November 25, 2015, the UST was removed from the ground. Upon removal, the UST was observed to be in poor condition, and evidence of petroleum-impacted soils was observed in the tank grave. No non-aqueous phase liquid (NAPL) was observed in the excavation, and groundwater seen entering the excavation from the sidewalls did not appear to exhibit a sheen. Jar-headspace screening of soils using a photoionization detector (PID) indicted a maximum total VOC reading of 111 parts per million by volume (ppmv). This sample was obtained from greater than 2 feet below ground surface and within 10 feet of the UST, thereby triggering a 72-hour notification requirement to MassDEP under Section 40.0313(2) of the MCP. Later that day, GZA contacted Mr. Victor Fonkem at MassDEP's Northeast Regional Office (NERO) to report the release on behalf of Wynn. Mr. Fonkem issued RTN 3-33284 for the release and verbally authorized an IRA consisting of the excavation and off-site disposal of up to 100 cubic yards of petroleum-impacted soil.

A DESCRIPTION OF THE IMMEDIATE RESPONSE ACTIONS UNDERTAKEN TO DATE AT THE SITE [310 CMR 40.0424(1)(c)]

In addition to the IRA activities discussed in the Release History section above, the following activities have been conducted with respect to the UST.

On December 3, 2015, the Everett Fire Department inspected the UST, and approved off-site disposal of the tank. On December 8, 2015, the UST was transported to the James G. Grant Company, Inc., of Readville, Massachusetts, for disposal. Copies of the UST removal permit and disposal receipt are included as Appendix G.

On December 10 and 11, 2015, the three roll-offs containing soil removed from the UST were transported off-site. Approximately 45 yards of impacted soil were transported under hazardous waste manifest to CHES' Braintree, Massachusetts facility. A copy of the manifest is included as Appendix H.

The tank grave was lined with polyethylene sheeting, and was backfilled with clean material to allow for access across the area for continued remediation of the CES-2 Area. IRA activities will continue after submittal of this IRA Plan, and the associated Public Involvement Plan (PIP) comment period.

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THE REASON WHY AN IMMEDIATE RESPONSE ACTION IS REQUIRED [310 CMR 40.0424(1)(d)]

The IRA is required to assess release conditions and perform remediation associated with the detection of total VOCs readings above 100 ppmv in the sidewall of a UST grave, as necessary.

OBJECTIVE, PLAN, AND SCHEDULE [310 CMR 40.0424(1)(e)]

The objective of the IRA is to address the presence of petroleum-impacted soil and groundwater associated with the former UST.

IRA activities are expected to commence after remediation activities in the CES-2 Area associated with the ongoing RAM Plan under RTN 3-13341 are complete. The IRA activities described below are expected to require three to four weeks to complete.

The planned IRA activities for RTN 3-33284 include the following tasks. The work is intended to achieve the IRA objectives referenced above:

- Clean backfill previously used to fill the tank grave will be removed and stockpiled separately from petroleum-impacted soils;
- Soils within the tank grave with visual evidence of petroleum impact will be excavated and stockpiled on-site for future off-site disposal (see below);
- Once visually impacted soils have been excavated, soil samples will be collected from the sidewalls and bottom of the excavation. The samples will be submitted to ESS for analysis of volatile petroleum hydrocarbons (VPH) and extractable petroleum hydrocarbons (EPH) by MassDEP methodology;
- Laboratory results will be compared to applicable MCP standards. Depending on the analytical results, additional soil may be excavated, and additional confirmatory samples analyzed; and
- The excavation will be backfilled to pre-existing grade.

GZA anticipates that at the conclusion of these activities an IRA Completion Report will be submitted, RTN 3-33284 will be linked to the RTN for the larger property, and any further MCP Response Actions in the IRA area will be conducted under RTN 3-13341. These additional response actions will include the installation of at least one groundwater monitoring well at, or immediately downgradient of, the former UST location. A groundwater sample will be collected from the monitoring well(s) and submitted to ESS for analysis of EPH and VPH.

STATEMENT REGARDING REMEDIATION WASTE [310 CMR 40.0424(1)(f)]

In addition to the materials encountered within the UST that have previously been disposed of off-site, GZA anticipates that petroleum-impacted soil and groundwater will be managed as part of the IRA.

Petroleum-impacted soil encountered during the excavation will be stockpiled on-site. The stockpiled soil will be placed on polyethylene sheeting. The stockpile(s) will be covered with polyethylene sheeting at the end of each day. Representative samples from the stockpiled

materials will be collected and analyzed for disposal-related parameters to identify appropriate licensed disposal facilities to receive these soils.

Soil transported off-site will be handled in accordance with the management procedures for remediation waste specified in the MCP at 310 CMR 40.0030. Each load of soil transported for disposal will be accompanied by the appropriate documentation. The documentation will be prepared and stamped by GZA's Licensed Site Professional, as necessary. Wynn MA will be designated as the soil generator. The endorsed tracking/receipt forms issued by the licensed disposal facility will be included in the IRA Completion Report.

Should excavation dewatering be required during the IRA, the groundwater will be pumped to a frac tank for temporary storage. Groundwater being pumped into the frac tank will be sampled for total RCRA-8 metals, EPH and VPH. If laboratory analysis indicates that groundwater concentrations for these analytes are below MCP RCGW-2 criteria, the groundwater will be discharged back into the excavation prior to backfilling. If groundwater concentrations are above RCGW-2 criteria, the containerized groundwater will be transported off-site for treatment and disposal as necessary and in accordance with the procedures described above. Alternatively, should the existing groundwater treatment system operating under the RAM Plan for RTN 3-13341 be available, extracted groundwater may be treated and discharged via that system in accordance with applicable discharge requirements.

ENVIRONMENTAL MONITORING PLAN [310 CMR 40.0424(1)(g)]

During the IRA activities, work zone air monitoring will be conducted to screen for concentrations of total VOCs using a PID, and for PM10 dust using a dust meter. This work will be performed under the existing site-specific Health and Safety Plan prepared for the ongoing RAM work under RTN 3-13341. We do not anticipate that an environmental monitoring plan will be required upon completion of the IRA activities.

FEDERAL, STATE AND/OR LOCAL PERMITS [310 CMR 40.0424(1)(h)]

The contractor(s) responsible for subsurface activities will contact DigSafe prior to any drilling or excavation activities. Bills of Lading and/or waste manifests will be prepared prior to transporting remedial wastes for off-site disposal.

Ongoing remediation under RTN 3-13341 is being conducted under a Wetlands Protection Act (WPA) Order of Conditions (OOC, MassDEP File # 022-0095). The IRA activities described above are consistent with those remediation activities included in the OOC.

GZA did not identify additional permit requirements for this work.

SEAL AND SIGNATURE OF LSP [310 CMR 40.0424(1)(i)]

The LSP certification is provided on the BWSC-105 transmittal form included in Appendix A.

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OTHER INFORMATION [310 CMR 40.0424(1)(j)]

Other information was not identified that would be deemed appropriate for review by MassDEP in connection with this IRA Plan.

Please feel free to contact any of the undersigned at (781) 278-3700 if you have any questions or require additional information.

GZA GEOENVIRONMENTAL, INC.

David E. Leone
Senior Project Manager

Albert J. Ricciardelli
Consultant/Reviewer

Lawrence Feldman, LSP
Senior Principal

Attachments:
Figure 1 – Site Locus
Figure 2 – Site Plan
Appendix A – Limitations
Appendix B – BWSC Form 105
Appendix C – BWSC Form 103
Appendix D – MassGIS Map
Appendix E – UST Content Analytical Data
Appendix F – UST Water Disposal Manifest
Appendix G – UST Removal Permit and Disposal Receipt
Appendix H – UST Soil Disposal Manifest

J:\170,000-179,999\171521\171521-42.DEL\CES-2 UST IRA Plan\Wynn Everett CES-2 UST IRA Plan RTN 3-33284.docx

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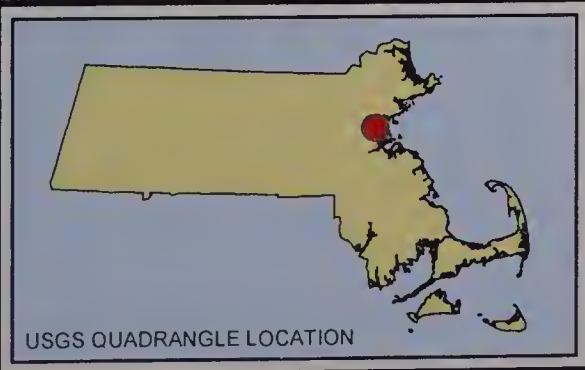
FIGURES



SOURCE : THIS MAP CONTAINS THE ESRI ARCGIS ONLINE USA TOPOGRAPHIC MAP SERVICE, PUBLISHED DECEMBER 12, 2009 BY ESRI ARCIMS SERVICES AND UPDATED AS NEEDED. THIS SERVICE USES UNIFORM NATIONALLY RECOGNIZED DATUM AND CARTOGRAPHY STANDARDS AND A VARIETY OF AVAILABLE SOURCES FROM SEVERAL DATA PROVIDERS.

Data Supplied by esri

0 1,000 2,000 4,000 6,000

SCALE IN FEET

N W E S

GZA

PROJ. MGR.: DEL
DESIGNED BY: DEL
REVIEWED BY: LF
OPERATOR: EMD

DATE: 10-14-2014

LOCUS PLAN

1 HORIZON WAY
EVERETT, MASSACHUSETTS

JOB NO.
01.0171521.05

FIGURE NO.
1

APPROX. LOCATION OF UST

CES-2 AREA

LEGEND

- EROSION AND SEDIMENTATION CONTROL BARRIER
- RIVERFRONT AREA
- TOP OF COASTAL BANK
- TOP OF COASTAL BANK (COINCIDENT WITH 100YEAR FLOOD ELEVATION)
- 100-FT BUFFER ZONE (FROM COASTAL BANK)
- 100 YEAR FLOOD ZONE AE (9.00' NAVD88) - FIRM PANEL 0439E, EFFECTIVE DATE JUNE 4, 2010 & FIRM PANEL 0014G, EFFECTIVE DATE SEPT. 25, 2009 (FEMA WEB SITE)
- COASTAL BEACH / TIDAL FLATS / LAND CONTAINING SHELLFISH
- LAND UNDER THE OCEAN / LAND CONTAINING SHELLFISH
- SALT MARSH
- MEAN HIGH WATER (4.35' NAVD88)
- MEAN LOW WATER (-5.21' NAVD88)

SOURCE:

1. THE BASE MAP WAS DEVELOPED FROM ELECTRONIC FILES PROVIDED BY FELDMAN, PROFESSIONAL LAND SURVEYORS ON JANUARY 15, 2015, CAD FILE: 14517-EX-FBT-1-15-2015.DWG.

0 40' 80' 160' 240'
SCALE IN FEET

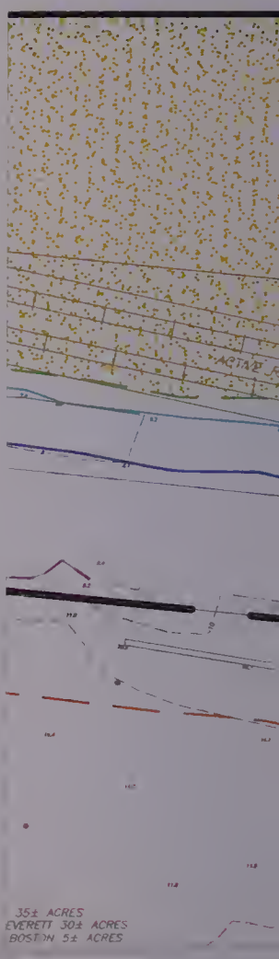
WYNN EVERETT
EVERETT, MASSACHUSETTS

IMMEDIATE RESPONSE ACTION PLAN
RTN 3-33284

PREPARED BY:

GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PROJ MGR	DEL	REVIEWED BY	MH	CHECKED BY	MH	FIGURE	2
DESIGNED BY	MH	DRAWN BY	JJZ	SCALE	1" = 80 FEET		
DATE	01-14-2016	PROJECT NO	01.0171521.00	REVISION NO			


35± ACRES
EVERETT 30± ACRES
BOSTON 5± ACRES


GZA

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APPENDIX A

LIMITATIONS

GEOHYDROLOGICAL LIMITATIONS

Use of Report

1. GZA GeoEnvironmental, Inc. (GZA) prepared this report on behalf of, and for the exclusive use of our Client for the stated purpose(s) and location(s) identified in the Proposal for Services and/or Report. Use of this report, in whole or in part, at other locations, or for other purposes, may lead to inappropriate conclusions; and we do not accept any responsibility for the consequences of such use(s). Further, reliance by any party not expressly identified in the agreement, for any use, without our prior written permission, shall be at that party's sole risk, and without any liability to GZA.

Standard of Care

2. GZA's findings and conclusions are based on the work conducted as part of the Scope of Services set forth in the Proposal for Services and/or Report and reflect our professional judgment. These findings and conclusions must be considered not as scientific or engineering certainties, but rather as our professional opinions concerning the limited data gathered during the course of our work. Conditions other than described in this report may be found at the subject location(s).

3. GZA's services were performed using the degree of skill and care ordinarily exercised by qualified professionals performing the same type of services, at the same time, under similar conditions, at the same or a similar property. No warranty, expressed or implied, is made. Specifically, GZA does not and cannot represent that the Site contains no hazardous material, oil, or other latent condition beyond that observed by GZA during its study. Additionally, GZA makes no warranty that any response action or recommended action will achieve all of its objectives or that the findings of this study will be upheld by a local, state or federal agency.

4. In conducting our work, GZA relied upon certain information made available by public agencies, Client and/or others. GZA did not attempt to independently verify the accuracy or completeness of that information. Inconsistencies in this information which we have noted, if any, are discussed in the Report.

Subsurface Conditions

5. The generalized soil profile(s) provided in our Report are based on widely-spaced subsurface explorations and are intended only to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and were based on our assessment of subsurface conditions. The composition of strata, and the transitions between strata, may be more variable and more complex than indicated. For more specific information on soil conditions at a specific location refer to the exploration logs. The nature and extent of variations between these explorations may not become evident until further exploration or construction. If variations or other latent conditions then become evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

6. Water level readings have been made, as described in this Report, in and monitoring wells at the specified times and under the stated conditions. These data have been reviewed and interpretations have been made in this report. Fluctuations in the level of the groundwater however occur due to temporal or spatial variations in areal recharge rates, soil heterogeneities, the presence of subsurface utilities, and/or natural or artificially induced perturbations. The observed water table may be other than indicated in the Report.

Compliance with Codes and Regulations

7. We used reasonable care in identifying and interpreting applicable codes and regulations necessary to execute our scope of work. These codes and regulations are subject to various, and possibly contradictory, interpretations. Interpretations and compliance with codes and regulations by other parties is beyond our control.

Screening and Analytical Testing

8. GZA collected environmental samples at the locations identified in the Report. These samples were analyzed for the specific parameters identified in the report. Additional constituents, for which analyses were not conducted, may be present in soil, groundwater, surface water, sediment and/or air. Future Site activities and uses may result in a requirement for additional testing.

9. Our interpretation of field screening and laboratory data is presented in the Report. Unless otherwise noted, we relied upon the laboratory's QA/QC program to validate these data.

10. Variations in the types and concentrations of contaminants observed at a given location or time may occur due to release mechanisms, disposal practices, changes in flow paths, and/or the influence of various physical, chemical, biological or radiological processes. Subsequently observed concentrations may be other than indicated in the Report.

Interpretation of Data

11. Our opinions are based on available information as described in the Report, and on our professional judgment. Additional observations made over time, and/or space, may not support the opinions provided in the Report.

Additional Information

12. In the event that the Client or others authorized to use this report obtain additional information on environmental or hazardous waste issues at the Site not contained in this report, such information shall be brought to GZA's attention forthwith. GZA will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this report.

Additional Services

13. GZA recommends that we be retained to provide services during any future investigations, design, implementation activities, construction, and/or property development/ redevelopment at the Site. This will allow us the opportunity to: i) observe conditions and compliance with our design concepts and opinions; ii) allow for changes in the event that conditions are other than anticipated; iii) provide modifications to our design; and iv) assess the consequences of changes in technologies and/or regulations.

Conceptual Site Model

14. Our opinions were developed, in part, based upon a comparison of site data to conditions anticipated within our Conceptual Site Model (CSM). The CSM is based on available information, and professional judgment. There are rarely sufficient data to develop a unique CSM. Therefore observations over time, and/or space, may vary from those depicted in the CSM provided in this report. In addition, the CSM should be evaluated and refined (as appropriate) whenever significant new information and/or data is obtained.

Risk Characterization

15. Our risk evaluation was performed in accordance with generally accepted practices of appropriate Federal and/or state regulatory agencies, and of other consultants undertaking similar studies at the same time, for similar purposes, and under similar circumstances. The findings of the risk evaluation are dependent on the numerous assumptions and uncertainties inherent in the risk characterization process. Sources of the uncertainty may include Site conditions; Site use; the nature, extent, concentration and distribution of contaminants; and the available toxicity and/or health/risk based regulatory information. Consequently, the findings of the risk characterization are not an absolute characterization of actual risks; but rather serve to highlight potential incremental risks associated with activities indicated in the Report. Actual risks may be other than indicated in the Report.

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APPENDIX B

BWSC FORM 105

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

Immediate Response Action (IRA) Transmittal Form
Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

BWSC 105

Release Tracking Number
3 - 33284

A. SITE LOCATION:

1. Release Name/Location Aid: NO LOCATION AID

2. Street Address: 1 HORIZON WAY

3. City/Town: EVERETT 4. Zip Code:

☐ 5. Check here if this location is Adequately Regulated, pursuant to 310 CMR 40.0110-0114.

☐ a. CERCLA ☐ b. HSWA Corrective Action ☐ c. Solid Waste Management

☐ d. RCRA State Program (21C Facilities)

B. THIS FORM IS BEING USED TO: (check all that apply)

1. List Submittal Date of Initial IRA Written Plan (if previously submitted):

☑ 2. Submit an **Initial IRA Plan.**

☐ 3. Submit a **Modified IRA Plan** of a previously submitted written IRA Plan.

☐ 4. Submit an **Imminent Hazard Evaluation.** (check one)

☐ a. An Imminent Hazard exists in connection with this Release or Threat of Release.

☐ b. An Imminent Hazard does not exist in connection with this Release or Threat of Release.

☐ c. It is unknown whether an Imminent Hazard exists in connection with this Release or Threat of Release, and further assessment activities will be undertaken.

☐ d. It is unknown whether an Imminent Hazard exists in connection with this Release or Threat of Release. However, response actions will address those conditions that could pose an Imminent Hazard.

☐ 5. Submit a request to **Terminate an Active Remedial System or Response Action(s) Taken to Address an Imminent Hazard.**

☐ 6. Submit an **IRA Status Report**

☐ 7. Submit a **Remedial Monitoring Report.** (This report can only be submitted through eDEP.)

a. Type of Report: (check one) ☐ i. Initial Report ☐ ii. Interim Report ☐ iii. Final Report

b. Frequency of Submittal: (check all that apply)

☐ i. A Remedial Monitoring Report(s) submitted monthly to address an Imminent Hazard.

☐ ii. A Remedial Monitoring Report(s) submitted monthly to address a Condition of Substantial Release Migration.

☐ iii. A Remedial Monitoring Report(s) submitted every six months, concurrent with an IRA Status Report.

☐ iv. A Remedial Monitoring Report(s) submitted annually, concurrent with an IRA Status Report.

c. Number of Remedial Systems and/or Monitoring Programs:

A separate BWSC105A, IRA Remedial Monitoring Report, must be filled out for each Remedial System and/or Monitoring Program addressed by this transmittal form.

☐ 8. Submit an **IRA Completion Statement**.

☐ a. Check here if future response actions addressing this Release or Threat of Release notification condition will be conducted as part of the Response Actions planned or ongoing at a Site that has already been Tier Classified under a different Release Tracking Number (RTN)

b. Provide Release Tracking Number of Tier Classified Site (Primary RTN): _____ _____

These additional response actions must occur according to the deadlines applicable to the Primary RTN. Use the Primary RTN when making all future submittals for the site unless specifically relating to this Immediate Response Action.

☐ 9. Submit a **Revised IRA Completion Statement**.

☐ 10. Submit a **Plan for the Application of Remedial Additives** near a sensitive receptor, pursuant to 310 CMR 40.0046(3).

(All sections of this transmittal form must be filled out unless otherwise noted above)

C. RELEASE OR THREAT OF RELEASE CONDITIONS THAT WARRANT IRA:

1. Media Impacted and Receptors Affected: (check all that apply)

☐ a. Paved Surface ☐ b. Basement ☐ c. School
☐ d. Public Water Supply ☐ e. Surface Water ☐ f. Zone 2 ☐ g. Private Well ☐ h. Residence ☑ i. Soil
☑ j. Groundwater ☐ k. Sediments ☐ l. Wetland ☐ m. Storm Drain ☐ n. Indoor Air ☐ o. Air
☐ p. Soil Gas ☐ q. Sub-Slab Soil Gas ☐ r. Critical Exposure Pathway ☐ s. NAPL ☐ t. Unknown
☐ r. Others Specify: _____

2. Sources of the Release or TOR: (check all that apply)

☐ a. Transformer ☐ b. Fuel Tank ☐ c. Pipe
☐ d. OHM Delivery ☐ e. AST ☐ f. Drums ☐ g. Tanker Truck ☐ h. Hose ☐ i. Line
☑ j. UST Describe: Tank ☐ k. Vehicle ☐ l. Boat/Vessel
☐ m. Unknown ☐ n. Other: _____

3. Type of Release or TOR: (check all that apply)

☐ a. Dumping ☐ b. Fire ☐ c. AST Removal ☐ d. Overfill
☐ e. Rupture ☐ f. Vehicle Accident ☐ g. Leak ☐ h. Spill ☐ i. Test failure ☐ j. TOR Only
☑ k. UST Removal Describe: Tank Corrosion resulting in a release of OHM
☐ l. Unknown ☐ m. Other: _____

4. Identify Oils and Hazardous Materials Released: (check all that apply)

☑ a. Oils ☐ b. Chlorinated Solvents
☐ c. Heavy Metals ☐ d. Others Specify: _____

D. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply, for volumes list cumulative amounts)

☐ 1. Assessment and/or Monitoring Only
☐ 2. Temporary Covers or Caps
☐ 3. Deployment of Absorbent or Containment Materials
☐ 4. Temporary Water Supplies
☐ 5. Structure Venting System/HVAC Modification System
☐ 6. Temporary Evacuation or Relocation of Residents
☐ 7. Product or NAPL Recovery
☐ 8. Fencing and Sign Posting
☐ 9. Groundwater Treatment Systems
☐ 10. Soil Vapor Extraction
☐ 11. Remedial Additives
☐ 12. Air Sparging
☐ 13. Active Exposure Pathway Mitigation System
☐ 14. Passive Exposure Pathway Mitigation System

D. DESCRIPTION OF RESPONSE ACTIONS: (cont.)

☑ 15. Excavation of Contaminated Soils.

☐ a. Re-use, Recycling or Treatment ☐ i. On Site Estimated volume in cubic yards _____

☐ ii. Off Site Estimated volume in cubic yards _____

iia. Receiving Facility: _____ Town: _____ State: _____

iib. Receiving Facility: _____ Town: _____ State: _____

iii. Describe: _____

☐ b. Store ☐ i. On Site Estimated volume in cubic yards _____

☐ ii. Off Site Estimated volume in cubic yards _____

iia. Receiving Facility: _____ Town: _____ State: _____

iib. Receiving Facility: _____ Town: _____ State: _____

☑ c. Landfill ☐ i. Cover Estimated volume in cubic yards _____

Receiving Facility: _____ Town: _____ State: _____

☑ ii. Disposal Estimated volume in cubic yards 100

Receiving Facility: TBD Town: TBD State: MA

☑ 16. Removal of Drums, Tanks, or Containers:

a. Describe Quantity and Amount: REMOVAL OF APPROX. 5,000-GALLON STEEL UST

b. Receiving Facility: JAMES G. GRANT Town: READVILLE State: MA

c. Receiving Facility: _____ Town: _____ State: _____

☑ 17. Removal of Other Contaminated Media:

a. Specify Type and Volume: 1,253 GALLONS LIQUID UST CONTENTS TRANSPORTED TO CHES, S. PORTLAND, ME, 45 YARDS SOLID UST

☐ 18. Other Response Actions:

Describe: _____

☐ 19. Use of Innovative Technologies:

Describe: _____

E. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisionsof 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> if Section B of this form indicates that an **Immediate Response Action Plan** is being submitted, the response action(s) that is(are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is(are) appropriate and reasonable to accomplish thepurposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that an **Imminent Hazard Evaluation** is being submitted, this Imminent Hazard Evaluation was developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and the assessment activity(ies) undertaken to support this Imminent Hazard Evaluation comply(ies) with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000;

> if Section B of this form indicates that an **Immediate Response Action Status Report** and/or a **Remedial Monitoring Report** is(are) being submitted, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000,(ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that an **Immediate Response Action Completion Statement** or a request to **Terminate an Active Remedial System or Response Action(s) Taken to Address an Imminent Hazard** is being submitted, the response action(s) that is(are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is(are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: 8107

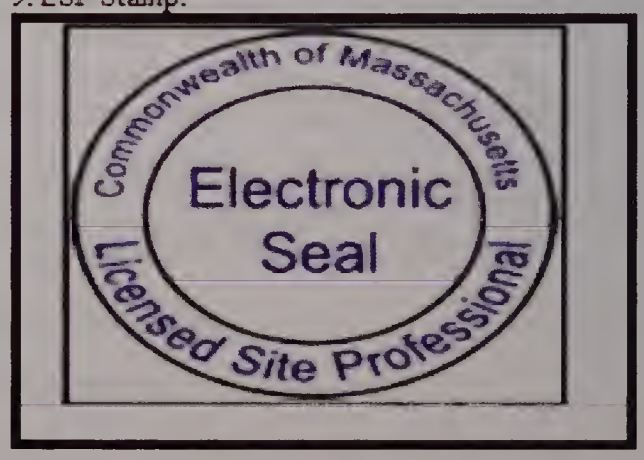
2. First Name: LAWRENCE 3. Last Name: FELDMAN

4. Telephone: 781-278-3700 5. Ext: 6. Email:

7. Signature: LAWRENCE FELDMAN

8. Date: 1/25/2016 *(mm/dd/yyyy)*

9. LSP Stamp:



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

Immediate Response Action (IRA) Transmittal Form
Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

BWSC 105

Release Tracking Number
3 - 33284

F. PERSON UNDERTAKING IRA:

1. Check all that apply: ☑ a. change in contact name ☑ b. change of address ☐ c. change in the person undertaking response actions

2. Name of Organization: WYNN MA LLC

3. Contact First Name: ROBERT 4. Last Name: DESALVIO

5. Street: 101 STATION LANDING, 2ND FLOOR 6. Title: PRESIDENT

7. City/Town: MEDFORD 8. State: MA 9. Zip Code: 021550000

10. Telephone: 857-770-7801 11. Ext: 12. Email:

G. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING IRA:

☐ Check here to change relationship

☑ 1. RP or PRP ☑ a. Owner ☐ b. Operator ☐ c. Generator ☐ d. Transporter

☐ e. Other RP or PRP Specify Relationship:

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

☐ 4. Any Other Person Undertaking Response Actions: Specify Relationship:

H. REQUIRED ATTACHMENT AND SUBMITTALS:

☐ 1. Check here if any Remediation Waste, generated as a result of this IRA, will be stored, treated, managed, recycled or reused at the site following submission of the IRA Completion Statement. If this box is checked, you must submit one of the following plans, along with the appropriate transmittal form.

☐ a. A Release Abatement Measure (RAM) Plan (BWSC106) ☐ b. Phase IV Remedy Implementation Plan (BWSC108)

☐ 2. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by MassDEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

☐ 3. Check here to certify that the Chief Municipal Officer and the Local Boardof Health were notified of the implementation of an Immediate Response Action taken to control, prevent, abate or eliminate an Imminent Hazard.

☐ 4. Check here to certify that the Chief Municipal Officer and the Local Boardof Health were notified of the submittal of a Completion Statement for an Immediate Response Action taken to control, prevent, abate or eliminate an Imminent Hazard.

☐ 5. Check here if any non-updatable information provided on this form is incorrect, e.g. Release Address/Location Aid. Send corrections to BWSC.eDEP@state.ma.us.

☑ 6. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

Immediate Response Action (IRA) Transmittal Form
Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

BWSC 105

Release Tracking Number
3 - 33284

I. CERTIFICATION OF PERSON UNDERTAKING IRA:

1. I, ROBERT DESALVIO, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form; (ii) that, based on my inquiry of the/those individual(s) immediately responsible for obtaining the information, the material information contained herein is, to the best of my knowledge, information and belief, true, accurate and complete; (iii) that, to the best of my knowledge, information and belief, I/the person(s) or entity(ies) on whose behalf this submittal is made satisfy(ies) the criteria in 310 CMR 40.0183(2); (iv) that I/the person(s) or entity(ies) on whose behalf this submittal is made have provided notice in accordance with 310 CMR 40.0183(5); and (v) that I am fully authorized to make this attestation on behalf of the person(s) or entity(ies) legally responsible for this submittal. I/the person(s) or entity(ies) on whose behalf this submittal is made is/are aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: ROBERT DESALVIO 3. Title: PRESIDENT

4. For: WYNN MA LLC 5. Date: 1/25/2016 (mm/dd/yyyy)

☐ 6. Check here if the address of the person providing certification is different from address recorded in Section F.

7. Street:

8. City/Town: 9. State: 10. Zip Code:

11. Telephone: 12. Ext: 13. Email:

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO $10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY:)

Received by DEP on
1/25/2016 1:25:41 PM

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APPENDIX C

BWSC FORM 103

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

RELEASE NOTIFICATION & NOTIFICATION RETRACTION FORM

Pursuant to 310 CMR 40.0335 and 310 CMR 40.0371 (Subpart C)

BWSC 103

Release Tracking Number
3 - 33284

A. RELEASE OR THREAT OF RELEASE LOCATION:

1. Release Name/Location Aid: NO LOCATION AID

2. Street Address: 1 HORIZON WAY

3. City/Town: EVERETT 4. ZIP Code:

5. Coordinates: a. Latitude: N 42.39450 b. Longitude: W 71.07050

B. THIS FORM IS BEING USED TO: (check one)

- [x] 1. Submit a **Release Notification**
- [ ] 2. Submit a **Revised Release Notification**
- [ ] 3. Submit a **Retraction of a Previously Reported Notification** of a release or threat of release including supporting documentation required pursuant to 310 CMR 40.0335 (Section C is not required)

(All sections of this transmittal form must be filled out unless otherwise noted above)

C. INFORMATION DESCRIBING THE RELEASE OR THREAT OF RELEASE (TOR):

1. Date and time of Oral Notification, if applicable: 11/25/2015 (mm/dd/yyyy) Time: 03:10 (hh:mm) ☐ AM ☑ PM

2. Date and time you obtained knowledge of the Release or TOR: 11/25/2015 (mm/dd/yyyy) Time: 12:35 (hh:mm) ☐ AM ☑ PM

3. Date and time release or TOR occurred, if known: 11/25/2015 (mm/dd/yyyy) Time: 12:10 (hh:mm) ☐ AM ☑ PM

Check all Notification Thresholds that apply to the Release or Threat of Release:
(for more information see 310 CMR 40.0310 - 40.0315)

4. 2 HOUR REPORTING CONDITIONS

- [ ] a. Sudden Release
- [ ] b. Threat of Sudden Release
- [ ] c. Oil Sheen on Surface Water
- [ ] d. Poses Imminent Hazard
- [ ] e. Could Pose Imminent Hazard
- [ ] f. Release Detected in Private Well
- [ ] g. Release to Storm Drain
- [ ] h. Sanitary Sewer Release (Imminent Hazard Only)

5. 72 HOUR REPORTING CONDITIONS

- [ ] a. Subsurface Non-Aqueous Phase Liquid (NAPL) Equal to or Greater than 1/2 Inch (.04 feet)
- [x] b. Underground Storage Tank (UST) Release
- [ ] c. Threat of UST Release
- [ ] d. Release to Groundwater near Water Supply
- [ ] e. Substantial Release Migration

6. 120 DAY REPORTING CONDITIONS

- [ ] a. Release of Hazardous Material(s) to Soil or Groundwater Exceeding Reportable Concentration(s)
- [ ] b. Release of Oil to Soil Exceeding Reportable Concentration(s) and Affecting More than 2 Cubic Yards
- [ ] c. Release of Oil to Groundwater Exceeding Reportable Concentration(s)
- [ ] d. Subsurface Non-Aqueous Phase Liquid (NAPL) Equal to or Greater than 1/8 Inch (.01 feet) and Less than 1/2 Inch (.04 feet)

C. INFORMATION DESCRIBING THE RELEASE OR THREAT OF RELEASE (TOR): (cont.)

7. List below the Oils (O) or Hazardous Materials (HM) that exceed their Reportable Concentration (RC) or Reportable Quantity (RQ) by the greatest amount.

☐ Check here if an amount or concentration is unknown or less than detectable.

O or HM Released	CAS Number, if known	O or HM	Amount or Concentration	Units	RCs Exceeded, if Applicable (RCS-1, RCS-2,RCGW-1, RCGW-2)
TVOCS		O	111	PPMV	N/A

☐ Check here if a list of additional Oil and Hazardous Materials subject to reporting, or any other documentation relating to this notification is attached.

D. PERSON REQUIRED TO NOTIFY:

1. Check all that apply: ☑ a. change in contact name ☐ b. change of address ☐ c. change in the person notifying

2. Name of Organization: WYNN MA LLC

3. Contact First Name: ROBERT 4. Last Name: DESALVIO

5. Street: 101 STATION LANDING 6. Title: PRESIDENT

7. City/Town: MEDFORD 8. State: MA 9. ZIP Code: 021550000

10. Telephone: 857-770-7801 11. Ext.: 12. Email:

☐ 13. Check here if attaching names and addresses of owners of properties affected by the Release or Threat of Release, other than an owner who is submitting this Release Notification (required).

E. RELATIONSHIP OF PERSON TO RELEASE OR THREAT OF RELEASE: ☐ Check here to change relationship

☑ 1. RP or PRP ☑ a. Owner ☐ b. Operator ☐ c. Generator ☐ d. Transporter

☐ e. Other RP or PRP Specify:

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

☐ 4. Any Other Person Otherwise Required to Notify Specify Relationship:

F. CERTIFICATION OF PERSON REQUIRED TO NOTIFY:

1. I, ROBERT DESALVIO, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: ROBERT DESALVIO (Signature) 3. Title: PRESIDENT

4. For: WYNN MA LLC (Name of person or entity recorded in Section D) 5. Date: 1/25/2016 mm/dd/yyyy

☐ 6. Check here if the address of the person providing certification is different from address recorded in Section D.

7. Street: _____

8. City/Town: _____ 9. State: _____ 10. ZIP Code: _____

11. Telephone: _____ 12. Ext.: _____ 13. Email: _____

YOU ARE SUBJECT TO ANNUAL COMPLIANCE ASSURANCE FEES FOR EACH BILLABLE YEAR FOR TIER CLASSIFIED DISPOSAL SITES. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY:)

Received by DEP on 1/25/2016 11:19:56 AM

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APPENDIX D

MASSGIS MAP

MassDEP - Bureau of Waste Site Cleanup

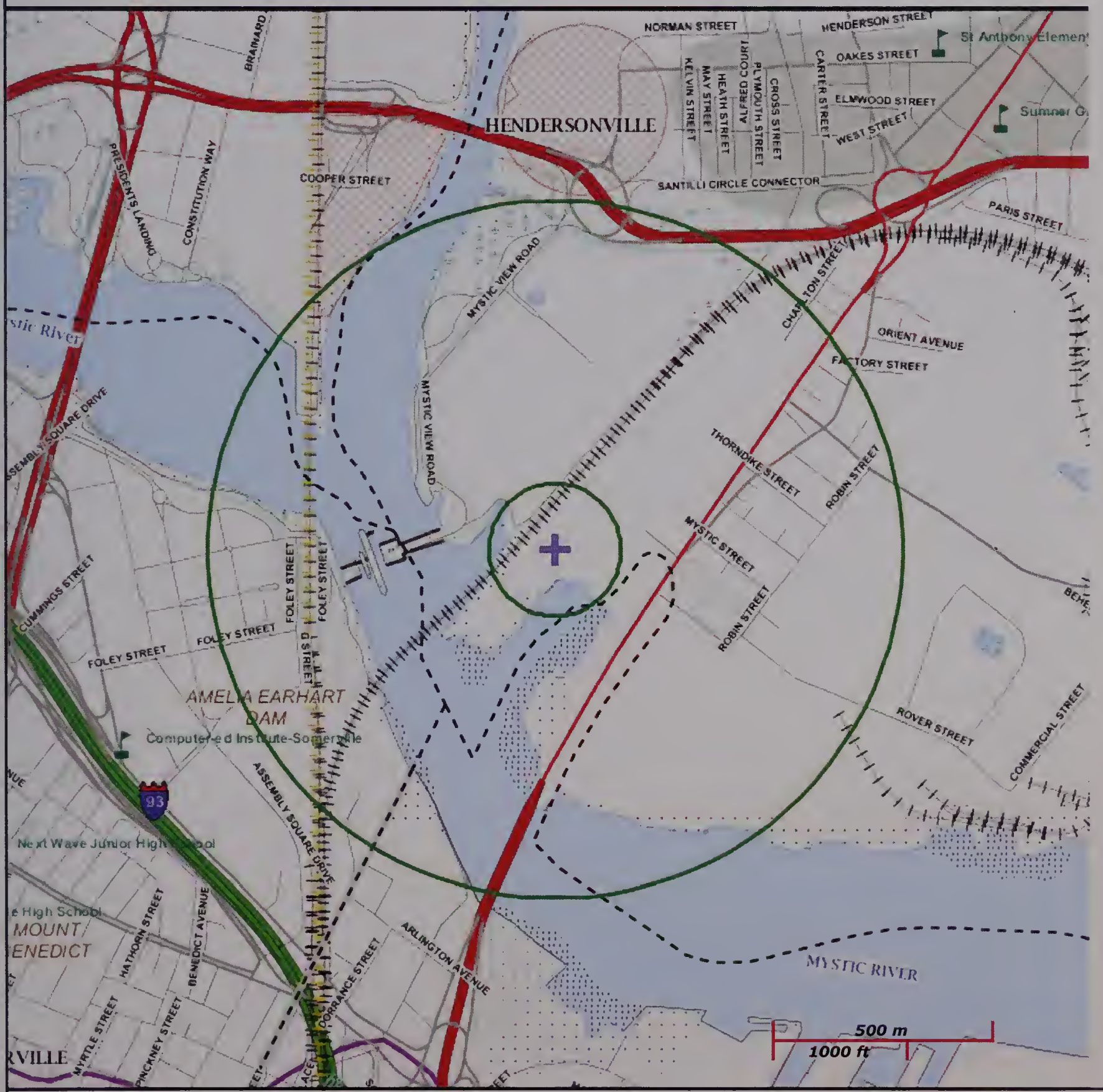
Phase 1 Site Assessment Map: 500 feet & 0.5 Mile Radii

Site Information:
FORMER EVERETT STAGING YARD
1 HORIZON WAY EVERETT, MA
3-000013341

NAD83 UTM Meters:
4695723mN , 329609mE (Zone: 19)
January 20, 2015

The information shown is the best available at the date of printing. However, it may be incomplete. The responsible party and LSP are ultimately responsible for ascertaining the true conditions surrounding the site. Metadata for data layers shown on this map can be found at:
http://www.mass.gov/mgis/.

MassDEP
Commonwealth of Massachusetts
Department of Environmental Protection



Roads: Limited Access, Divided, Other Hwy, Major Road, Minor Road, Track, Trail

Boundaries: Town, County, DEP Region; Train; Powerline; Pipeline; Aqueduct

Basins: Major, PWS; Streams: Perennial, Intermittent, Man Made Shore, Dam

Aquifers: Medium Yield, High Yield, EPA Sole Source

Non Potential Drinking Water Source Area: Medium, High (Yield)

PWS Protection Areas: Zone II, IWPA, Zone A

Hydrography: Open Water, PWS Reservoir, Tidal Flat

Wetlands: Freshwater, Saltwater, Cranberry Bog

FEMA 100yr Floodplain; Protected Open Space; ACEC

Est. Rare Wetland Wildlife Hab; Vernal Pool: Cert., Potential

Solid Waste Landfill; PWS: Com.GW,SW, Emerg., Non-Com.

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APPENDIX E

UST CONTENT ANALYTICAL DATA

CERTIFICATE OF ANALYSIS

Matt Smith
GZA GeoEnvironmental, Inc.
249 Vanderbilt Avenue
Norwood, MA 02062

RE: Wynn Everett - MCP (01.0171521.41)
ESS Laboratory Work Order Number: 1511224

This signed Certificate of Analysis is our approved release of your analytical results. These results are only representative of sample aliquots received at the laboratory. ESS Laboratory expects its clients to follow all regulatory sampling guidelines. Beginning with this page, the entire report has been paginated. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been delivered. If you have any questions or concerns, please feel free to call our Customer Service Department.

Laurel Stoddard
Laboratory Director

REVIEWED
By ESS Laboratory at 6:29 pm, Nov 16, 2015

Analytical Summary
The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration is frequently used instead of automated integration because it produces more accurate results.

The test results present in this report are in compliance with NELAC Standards, A2LA and/or client Quality Assurance Project Plans (QAPP). The laboratory has reviewed the following: Sample Preservations, Hold Times, Initial Calibrations, Continuing Calibrations, Method Blanks, Blank Spikes, Blank Spike Duplicates, Duplicates, Matrix Spikes, Matrix Spike Duplicates, Surrogates and Internal Standards. Any results which were found to be outside of the recommended ranges stated in our SOPs will be noted in the Project Narrative.

ESS Laboratory
Division of Thielsch Engineering, Inc.

BAL Laboratory
The Microbiology Division
of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511224

SAMPLE RECEIPT

The following samples were received on November 10, 2015 for the analyses specified on the enclosed Chain of Custody Record.

To achieve CAM compliance for MCP data, ESS Laboratory has performed and reviewed all QA/QC Requirements and Performance Standards listed in each method. Holding times and preservation have also been reviewed. All CAM requirements have been achieved unless noted in the project narrative.

Each method has been set-up in the laboratory to reach required MCP standards. The methods for aqueous VOA and Soil Methanol VOA have known limitations for certain analytes. The regulatory standards may not be achieved due to these limitations. In addition, for all methods, matrix interferences, dilutions, and %Solids may elevate method reporting limits above regulatory standards. ESS Laboratory can provide, upon request, a Data Checker (regulatory standard comparison spreadsheet) electronic deliverable which will highlight these exceedances.

Question I: All samples for EPH were analyzed for a subset of the required MCP list per the client's request.

Lab Number	Sample Name	Matrix	Analysis
1511224-01	UST Contents 1	Ground Water	6010C, 7010, 7470A, 8100M, 8260B, 8270D, 9040

185 Frances Avenue, Cranston, RI 02910-2211 Tel: 401-461-7181 Fax: 401-461-4486 http://www.ESSLaboratory.com
Dependability • Quality • Service

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511224

PROJECT NARRATIVE

8100M Total Petroleum Hydrocarbons

CYK0235-CCV1	Continuing Calibration %Diff/Drift is above control limit (CD+).
	Hexatriacontane (C36) (45% @ 25%)
CYK0235-CCV2	Continuing Calibration %Diff/Drift is above control limit (CD+).
	Hexatriacontane (C36) (51% @ 25%)

8260B Volatile Organic Compounds

1511224-01	pH > 2 (PH+)
CYK0161-CCV1	Continuing Calibration %Diff/Drift is above control limit (CD+).
	Carbon Disulfide (42% @ 20%), Methylene Chloride (28% @ 20%)
CYK0161-CCV1	Continuing Calibration %Diff/Drift is below control limit (CD-).
	Bromomethane (28% @ 20%), Tetrachloroethene (22% @ 20%)

8270D Semi-Volatile Organic Compounds

CK51314-BSD1	Relative percent difference for duplicate is outside of criteria (D+).
	2,4,5-Trichlorophenol (24% @ 20%), 2,4,6-Trichlorophenol (23% @ 20%), 2,4-Dichlorophenol (25% @ 20%), 2,4-Dimethylphenol (25% @ 20%), 2-Chlorophenol (29% @ 20%), 2-Methylphenol (27% @ 20%), 2-Nitrophenol (26% @ 20%), 3+4-Methylphenol (28% @ 20%), Acetophenone (21% @ 20%), Phenol (28% @ 20%)
CYK0222-CCV1	Calibration required quadratic regression (Q).
	2,4-Dinitrophenol (122% @ 80-120%)
CYK0222-CCV1	Continuing Calibration %Diff/Drift is above control limit (CD+).
	2,4-Dinitrophenol (22% @ 20%), Di-n-octylphthalate (24% @ 20%)

No other observations noted.

End of Project Narrative.

DATA USABILITY LINKS

Definitions of Quality Control Parameters

Semivolatile Organics Internal Standard Information

Semivolatile Organics Surrogate Information

Volatile Organics Internal Standard Information

Volatile Organics Surrogate Information

EPH and VPH Alkane Lists

ESS Laboratory
Division of Thielsch Engineering, Inc.

BAL Laboratory
The Microbiology Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511224

CURRENT SW-846 METHODOLOGY VERSIONS

Analytical Methods

1010A - Flashpoint
6010C - ICP
6020A - ICP MS
7010 - Graphite Furnace
7196A - Hexavalent Chromium
7470A - Aqueous Mercury
7471B - Solid Mercury
8011 - EDB/DBCP/TCP
8015D - GRO/DRO
8081B - Pesticides
8082A - PCB
8100M - TPH
8151A - Herbicides
8260B - VOA
8270D - SVOA
8270D SIM - SVOA Low Level
9014 - Cyanide
9038 - Sulfate
9040C - Aqueous pH
9045D - Solid pH (Corrosivity)
9050A - Specific Conductance
9056A - Anions (IC)
9060A - TOC
9095B - Paint Filter
MADEP 04-1.1 - EPH / VPH

Prep Methods

3005A - Aqueous ICP Digestion
3020A - Aqueous Graphite Furnace / ICP MS Digestion
3050B - Solid ICP / Graphite Furnace / ICP MS Digestion
3060A - Solid Hexavalent Chromium Digestion
3510C - Separatory Funnel Extraction
3520C - Liquid / Liquid Extraction
3540C - Manual Soxhlet Extraction
3541 - Automated Soxhlet Extraction
3546 - Microwave Extraction
3580A - Waste Dilution
5030B - Aqueous Purge and Trap
5030C - Aqueous Purge and Trap
5035 - Solid Purge and Trap

SW846 Reactivity Methods 7.3.3.2 (Reactive Cyanide) and 7.3.4.1 (Reactive Sulfide) have been withdrawn by EPA. These methods are reported per client request and are not NELAP accredited.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511224

MassDEP Analytical Protocol Certification Form

MADEP RTN: _____

This form provides certification for the following data set: **1511224-01**

Matrices: (X) Ground Water/Surface Water ( ) Soil/Sediment ( ) Drinking Water ( ) Air ( ) Other:_____

CAM Protocol (check all that apply below):

(X) 8260 VOC CAM II A	(X) 7470/7471 Hg CAM III B	( ) MassDEP VPH CAM IV A	( ) 8081 Pesticides CAM V B	( ) 7196 Hex Cr CAM VI B	( ) MassDEP APH CAM IX A
( ) 8270 SVOC CAM II B	(X) 7010 Metals CAM III C	(X) MassDEP EPH CAM IV B	( ) 8151 Herbicides CAM V C	( ) 8330 Explosives CAM VIII A	( ) TO-15 VOC CAM IX B
( ) 6010 Metals CAM III A	( ) 6020 Metals CAM III D	( ) 8082 PCB CAM V A	( ) 6860 Perchlorate CAM VIII B	( ) 9014 Total Cyanide/PAC CAM VI A	

Affirmative responses to questions A through F are required for Presumptive Certainty status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	Yes (X) No ( )
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	Yes (X) No ( )
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	Yes (X) No ( )
D	Does the laboratory report comply with all the reporting requirements specified in the CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No ( )
E	a. VPH, EPH, APH and TO-15 only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	Yes ( ) No ( )
	b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	Yes ( ) No ( )
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	Yes (X) No ( )

Responses to Questions G, H and I below are required for Presumptive Certainty status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocols(s)?	Yes (X) No ( )*
	***Data User Note:** Data that achieve Presumptive Certainty status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.*	
H	Were **all** QC performance standards specified in the CAM protocol(s) achieved?	Yes ( ) No (X)*
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	Yes ( ) No (X)*

All negative responses must be addressed in an attached laboratory narrative.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: _____ Date: November 16, 2015
Printed Name: Laurel Stoddard Position: Laboratory Director

ESS Laboratory
Division of Thielsch Engineering, Inc.

BAL Laboratory
The Microbiology Division
of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 1
Date Sampled: 11/10/15 10:30
Percent Solids: N/A

ESS Laboratory Work Order: 1511224
ESS Laboratory Sample ID: 1511224-01
Sample Matrix: Ground Water
Units: ug/L

Extraction Method: 3005A/200.7

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Antimony	**20.7** (2.5)		7010		1	KJK	11/13/15 5:51	50	25	CK51125
Arsenic	**2540** (25.0)		6010C		1	KJK	11/11/15 20:58	50	25	CK51125
Barium	**161** (25.0)		6010C		1	KJK	11/11/15 20:58	50	25	CK51125
Beryllium	ND (0.5)		6010C		1	KJK	11/11/15 20:58	50	25	CK51125
Cadmium	**22.7** (2.5)		6010C		1	KJK	11/11/15 20:58	50	25	CK51125
Chromium	ND (10.0)		6010C		1	KJK	11/11/15 20:58	50	25	CK51125
Lead	**322** (10.0)		6010C		1	KJK	11/11/15 20:58	50	25	CK51125
Mercury	**24.5** (2.00)		7470A		10	JC	11/11/15 21:18	20	40	CK51126
Nickel	ND (25.0)		6010C		1	KJK	11/11/15 20:58	50	25	CK51125
Selenium	**7.3** (5.0)		7010		1	KJK	11/13/15 1:48	50	25	CK51125
Silver	ND (5.0)		6010C		1	KJK	11/11/15 20:58	50	25	CK51125
Thallium	**2.3** (1.0)		7010		1	KJK	11/13/15 19:16	50	25	CK51125
Vanadium	**19.8** (10.0)		6010C		1	KJK	11/11/15 20:58	50	25	CK51125
Zinc	**117** (25.0)		6010C		1	KJK	11/11/15 20:58	50	25	CK51125

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 1
Date Sampled: 11/10/15 10:30
Percent Solids: N/A
Initial Volume: 1000
Final Volume: 1
Extraction Method: 3510C

ESS Laboratory Work Order: 1511224
ESS Laboratory Sample ID: 1511224-01
Sample Matrix: Ground Water
Units: ug/L
Analyst: ZLC
Prepared: 11/13/15 10:40

8100M Total Petroleum Hydrocarbons

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Total Petroleum Hydrocarbons	**14100** (100)		8100M		1	11/13/15 17:11	CYK0235	CK51313

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	91 %		40-140

ESS Laboratory
Division of Thielsch Engineering, Inc.

BAL Laboratory
The Microbiology Division
of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 1
Date Sampled: 11/10/15 10:30
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1511224
ESS Laboratory Sample ID: 1511224-01
Sample Matrix: Ground Water
Units: ug/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,1,1-Trichloroethane	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,1,2,2-Tetrachloroethane	ND (0.5)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,1,2-Trichloroethane	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,1-Dichloroethane	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,1-Dichloroethene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,1-Dichloropropene	ND (2.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,2,3-Trichlorobenzene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,2,3-Trichloropropane	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,2,4-Trichlorobenzene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,2,4-Trimethylbenzene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,2-Dibromo-3-Chloropropane	ND (5.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,2-Dibromoethane	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,2-Dichlorobenzene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,2-Dichloroethane	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,2-Dichloropropane	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,3,5-Trimethylbenzene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,3-Dichlorobenzene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,3-Dichloropropane	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,4-Dichlorobenzene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
1,4-Dioxane - Screen	ND (500)		8260B		1	11/12/15 7:07	CYK0161	CK51139
2,2-Dichloropropane	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
2-Butanone	ND (10.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
2-Chlorotoluene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
2-Hexanone	ND (10.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
4-Chlorotoluene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
4-Isopropyltoluene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
4-Methyl-2-Pentanone	ND (10.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Acetone	ND (10.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Benzene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Bromobenzene	ND (2.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Bromochloromethane	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 1
Date Sampled: 11/10/15 10:30
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1511224
ESS Laboratory Sample ID: 1511224-01
Sample Matrix: Ground Water
Units: ug/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.6)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Bromoform	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Bromomethane	ND (2.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Carbon Disulfide	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Carbon Tetrachloride	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Chlorobenzene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Chloroethane	ND (2.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Chloroform	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Chloromethane	ND (2.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
cis-1,2-Dichloroethene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
cis-1,3-Dichloropropene	ND (0.4)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Dibromochloromethane	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Dibromomethane	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Dichlorodifluoromethane	ND (2.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Diethyl Ether	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Di-isopropyl ether	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Ethyl tertiary-butyl ether	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Ethylbenzene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Hexachlorobutadiene	ND (0.6)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Hexachloroethane	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Isopropylbenzene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Methyl tert-Butyl Ether	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Methylene Chloride	ND (2.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Naphthalene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
n-Butylbenzene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
n-Propylbenzene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
sec-Butylbenzene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Styrene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
tert-Butylbenzene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Tertiary-amyl methyl ether	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Tetrachloroethene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Tetrahydrofuran	ND (5.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139

ESS Laboratory
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BAL Laboratory
The Microbiology Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 1
Date Sampled: 11/10/15 10:30
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1511224
ESS Laboratory Sample ID: 1511224-01
Sample Matrix: Ground Water
Units: ug/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Toluene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
trans-1,2-Dichloroethene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
trans-1,3-Dichloropropene	ND (0.4)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Trichloroethene	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Trichlorofluoromethane	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Vinyl Chloride	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Xylene O	ND (1.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Xylene P,M	ND (2.0)		8260B		1	11/12/15 7:07	CYK0161	CK51139
Xylenes (Total)	ND (2.0)		8260B		1	11/12/15 7:07		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*99 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*94 %*		*70-130*
Surrogate: Dibromofluoromethane	*101 %*		*70-130*
Surrogate: Toluene-d8	*117 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 1
Date Sampled: 11/10/15 10:30
Percent Solids: N/A
Initial Volume: 1000
Final Volume: 1
Extraction Method: 3520C

ESS Laboratory Work Order: 1511224
ESS Laboratory Sample ID: 1511224-01
Sample Matrix: Ground Water
Units: ug/L
Analyst: IBM
Prepared: 11/13/15 19:10

8270D Semi-Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
1,2,4-Trichlorobenzene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
1,2-Dichlorobenzene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
1,3-Dichlorobenzene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
1,4-Dichlorobenzene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
2,4,5-Trichlorophenol	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
2,4,6-Trichlorophenol	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
2,4-Dichlorophenol	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
2,4-Dimethylphenol	ND (50.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
2,4-Dinitrophenol	ND (50.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
2,4-Dinitrotoluene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
2,6-Dinitrotoluene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
2-Chloronaphthalene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
2-Chlorophenol	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
2-Methylnaphthalene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
2-Methylphenol	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
2-Nitrophenol	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
3,3'-Dichlorobenzidine	ND (20.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
3+4-Methylphenol	ND (20.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
4-Bromophenyl-phenylether	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
4-Chloroaniline	ND (20.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
4-Nitrophenol	ND (50.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Acenaphthene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Acenaphthylene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Acetophenone	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Aniline	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Anthracene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Azobenzene	ND (20.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Benzo(a)anthracene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Benzo(a)pyrene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Benzo(b)fluoranthene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Benzo(g,h,i)perylene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Benzo(k)fluoranthene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314

ESS Laboratory
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BAL Laboratory
The Microbiology Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 1
Date Sampled: 11/10/15 10:30
Percent Solids: N/A
Initial Volume: 1000
Final Volume: 1
Extraction Method: 3520C

ESS Laboratory Work Order: 1511224
ESS Laboratory Sample ID: 1511224-01
Sample Matrix: Ground Water
Units: ug/L
Analyst: IBM
Prepared: 11/13/15 19:10

8270D Semi-Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
bis(2-Chloroethoxy)methane	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
bis(2-Chloroethyl)ether	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
bis(2-chloroisopropyl)Ether	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
bis(2-Ethylhexyl)phthalate	ND (6.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Butylbenzylphthalate	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Chrysene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Dibenzo(a,h)Anthracene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Dibenzofuran	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Diethylphthalate	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Dimethylphthalate	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Di-n-butylphthalate	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Di-n-octylphthalate	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Fluoranthene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Fluorene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Hexachlorobenzene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Hexachlorobutadiene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Hexachloroethane	ND (5.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Indeno(1,2,3-cd)Pyrene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Isophorone	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Naphthalene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Nitrobenzene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
N-Nitrosodimethylamine	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Pentachlorophenol	ND (50.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Phenanthrene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Phenol	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314
Pyrene	ND (10.0)		8270D		1	11/16/15 12:34	CYK0222	CK51314

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichlorobenzene-d4	*69 %*		*30-130*
Surrogate: 2,4,6-Tribromophenol	*102 %*		*15-110*
Surrogate: 2-Chlorophenol-d4	*73 %*		*15-110*
Surrogate: 2-Fluorobiphenyl	*77 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 1
Date Sampled: 11/10/15 10:30
Percent Solids: N/A
Initial Volume: 1000
Final Volume: 1
Extraction Method: 3520C

ESS Laboratory Work Order: 1511224
ESS Laboratory Sample ID: 1511224-01
Sample Matrix: Ground Water
Units: ug/L
Analyst: IBM
Prepared: 11/13/15 19:10

8270D Semi-Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Surrogate: 2-Fluorophenol		*62 %*		*15-110*				
Surrogate: Nitrobenzene-d5		*83 %*		*30-130*				
Surrogate: Phenol-d6		*75 %*		*15-110*				
Surrogate: p-Terphenyl-d14		*58 %*		*30-130*				

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BAL Laboratory
The Microbiology Division
of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 1
Date Sampled: 11/10/15 10:30
Percent Solids: N/A

ESS Laboratory Work Order: 1511224
ESS Laboratory Sample ID: 1511224-01
Sample Matrix: Ground Water

Classical Chemistry

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	Units	Batch
pH	**7.13** (N/A)		9040		1	JLK	11/11/15 9:38	S.U.	CK51104
pH Sample Temp	**Aqueous pH measured in water at 7.5 °C.** (N/A)								

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511224

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Total Metals										
Batch CK51125 - 3005A/200.7										
Blank										
Antimony	ND	2.5	ug/L							
Arsenic	ND	25.0	ug/L							
Barium	ND	25.0	ug/L							
Beryllium	ND	0.5	ug/L							
Cadmium	ND	2.5	ug/L							
Chromium	ND	10.0	ug/L							
Lead	ND	10.0	ug/L							
Nickel	ND	25.0	ug/L							
Selenium	ND	5.0	ug/L							
Silver	ND	5.0	ug/L							
Thallium	ND	1.0	ug/L							
Vanadium	ND	10.0	ug/L							
Zinc	ND	25.0	ug/L							
LCS										
Antimony	234	50.0	ug/L	250.0		93	80-120			
Arsenic	254	25.0	ug/L	250.0		102	80-120			
Barium	239	25.0	ug/L	250.0		96	80-120			
Beryllium	24.1	0.5	ug/L	25.00		96	80-120			
Cadmium	116	2.5	ug/L	125.0		93	80-120			
Chromium	240	10.0	ug/L	250.0		96	80-120			
Lead	240	10.0	ug/L	250.0		96	80-120			
Nickel	249	25.0	ug/L	250.0		99	80-120			
Selenium	426	100	ug/L	500.0		85	80-120			
Silver	124	5.0	ug/L	125.0		99	80-120			
Thallium	292	60.0	ug/L	250.0		117	80-120			
Vanadium	242	10.0	ug/L	250.0		97	80-120			
Zinc	240	25.0	ug/L	250.0		96	80-120			
LCS Dup										
Antimony	233	50.0	ug/L	250.0		93	80-120	0.5	20	
Arsenic	259	25.0	ug/L	250.0		104	80-120	2	20	
Barium	241	25.0	ug/L	250.0		96	80-120	0.8	20	
Beryllium	24.2	0.5	ug/L	25.00		97	80-120	0.8	20	
Cadmium	116	2.5	ug/L	125.0		93	80-120	0.5	20	
Chromium	243	10.0	ug/L	250.0		97	80-120	1	20	
Lead	240	10.0	ug/L	250.0		96	80-120	0.03	20	
Nickel	251	25.0	ug/L	250.0		101	80-120	1	20	
Selenium	426	100	ug/L	500.0		85	80-120	0.05	20	
Silver	126	5.0	ug/L	125.0		101	80-120	1	20	
Thallium	293	60.0	ug/L	250.0		117	80-120	0.3	20	
Vanadium	244	10.0	ug/L	250.0		98	80-120	0.8	20	
Zinc	242	25.0	ug/L	250.0		97	80-120	0.7	20	
Batch CK51126 - 245.1/7470A										
Blank										

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CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511224

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Total Metals										
Batch CK51126 - 245.1/7470A										
Mercury	ND	0.20	ug/L							
LCS										
Mercury	6.65	0.20	ug/L	6.000		111	80-120			
LCS Dup										
Mercury	6.46	0.20	ug/L	6.000		108	80-120	3	20	
8100M Total Petroleum Hydrocarbons										
Batch CK51313 - 3510C										
Blank										
Decane (C10)	ND	5.00	ug/L							
Docosane (C22)	ND	5.00	ug/L							
Dodecane (C12)	ND	5.00	ug/L							
Eicosane (C20)	ND	5.00	ug/L							
Hexacosane (C26)	ND	5.00	ug/L							
Hexadecane (C16)	ND	5.00	ug/L							
Hexatriacontane (C36)	ND	5.00	ug/L							
Nonadecane (C19)	ND	5.00	ug/L							
Nonane (C9)	ND	5.00	ug/L							
Octacosane (C28)	ND	5.00	ug/L							
Octadecane (C18)	ND	5.00	ug/L							
Tetracosane (C24)	ND	5.00	ug/L							
Tetradecane (C14)	ND	5.00	ug/L							
Total Petroleum Hydrocarbons	ND	100	ug/L							
Triacontane (C30)	ND	5.00	ug/L							
Surrogate: O-Terphenyl	*77.9*		ug/L	*100.0*		*78*	*40-140*			
LCS										
Decane (C10)	35.8	5.00	ug/L	50.00		72	40-140			
Docosane (C22)	53.3	5.00	ug/L	50.00		107	40-140			
Dodecane (C12)	44.8	5.00	ug/L	50.00		90	40-140			
Eicosane (C20)	52.9	5.00	ug/L	50.00		106	40-140			
Hexacosane (C26)	55.0	5.00	ug/L	50.00		110	40-140			
Hexadecane (C16)	50.5	5.00	ug/L	50.00		101	40-140			
Hexatriacontane (C36)	68.5	5.00	ug/L	50.00		137	40-140			
Nonadecane (C19)	54.9	5.00	ug/L	50.00		110	40-140			
Nonane (C9)	30.0	5.00	ug/L	50.00		60	30-140			
Octacosane (C28)	54.4	5.00	ug/L	50.00		109	40-140			
Octadecane (C18)	52.1	5.00	ug/L	50.00		104	40-140			
Tetracosane (C24)	50.6	5.00	ug/L	50.00		101	40-140			
Tetradecane (C14)	48.5	5.00	ug/L	50.00		97	40-140			
Total Petroleum Hydrocarbons	737	100	ug/L	700.0		105	40-140			
Triacontane (C30)	55.9	5.00	ug/L	50.00		112	40-140			
Surrogate: O-Terphenyl	*92.9*		ug/L	*100.0*		*93*	*40-140*			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID Wynn Everett - MCP

ESS Laboratory Work Order: 1511224

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8100M Total Petroleum Hydrocarbons										
Batch CK51313 - 3510C										
LCS										
Decane (C10)	5.34	5.00	ug/L	10.00		53	40-140			
Docosane (C22)	10.6	5.00	ug/L	10.00		106	40-140			
Dodecane (C12)	6.37	5.00	ug/L	10.00		64	40-140			
Eicosane (C20)	10.6	5.00	ug/L	10.00		106	40-140			
Hexacosane (C26)	11.1	5.00	ug/L	10.00		111	40-140			
Hexadecane (C16)	9.91	5.00	ug/L	10.00		99	40-140			
Hexatriacontane (C36)	13.8	5.00	ug/L	10.00		138	40-140			
Nonadecane (C19)	12.6	5.00	ug/L	10.00		126	40-140			
Nonane (C9)	4.64	5.00	ug/L	10.00		46	30-140			
Octacosane (C28)	10.9	5.00	ug/L	10.00		109	40-140			
Octadecane (C18)	10.5	5.00	ug/L	10.00		105	40-140			
Tetracosane (C24)	10.2	5.00	ug/L	10.00		102	40-140			
Tetradecane (C14)	8.79	5.00	ug/L	10.00		88	40-140			
Total Petroleum Hydrocarbons	120	100	ug/L	140.0		86	40-140			
Triacontane (C30)	11.2	5.00	ug/L	10.00		112	40-140			
Surrogate: O-Terphenyl	*80.5*		ug/L	*100.0*		*81*	*40-140*			
LCS Dup										
Decane (C10)	31.4	5.00	ug/L	50.00		63	40-140	13	25	
Docosane (C22)	52.3	5.00	ug/L	50.00		105	40-140	2	25	
Dodecane (C12)	41.5	5.00	ug/L	50.00		83	40-140	8	25	
Eicosane (C20)	51.8	5.00	ug/L	50.00		104	40-140	2	25	
Hexacosane (C26)	54.2	5.00	ug/L	50.00		108	40-140	2	25	
Hexadecane (C16)	48.3	5.00	ug/L	50.00		97	40-140	4	25	
Hexatriacontane (C36)	65.6	5.00	ug/L	50.00		131	40-140	4	25	
Nonadecane (C19)	53.5	5.00	ug/L	50.00		107	40-140	3	25	
Nonane (C9)	24.8	5.00	ug/L	50.00		50	30-140	19	25	
Octacosane (C28)	53.3	5.00	ug/L	50.00		107	40-140	2	25	
Octadecane (C18)	50.3	5.00	ug/L	50.00		101	40-140	4	25	
Tetracosane (C24)	49.8	5.00	ug/L	50.00		100	40-140	2	25	
Tetradecane (C14)	45.7	5.00	ug/L	50.00		91	40-140	6	25	
Total Petroleum Hydrocarbons	665	100	ug/L	700.0		95	40-140	10	25	
Triacontane (C30)	54.6	5.00	ug/L	50.00		109	40-140	2	25	
Surrogate: O-Terphenyl	*87.7*		ug/L	*100.0*		*88*	*40-140*			
8260B Volatile Organic Compounds										
Batch CK51139 - 5030B										
Blank										
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L							
1,1,1-Trichloroethane	ND	1.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L							
1,1,2-Trichloroethane	ND	1.0	ug/L							
1,1-Dichloroethane	ND	1.0	ug/L							

ESS Laboratory
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CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511224

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CK51139 - 5030B										
1,1-Dichloroethene	ND	1.0	ug/L							
1,1-Dichloropropene	ND	2.0	ug/L							
1,2,3-Trichlorobenzene	ND	1.0	ug/L							
1,2,3-Trichloropropane	ND	1.0	ug/L							
1,2,4-Trichlorobenzene	ND	1.0	ug/L							
1,2,4-Trimethylbenzene	ND	1.0	ug/L							
1,2-Dibromo-3-Chloropropane	ND	5.0	ug/L							
1,2-Dibromoethane	ND	1.0	ug/L							
1,2-Dichlorobenzene	ND	1.0	ug/L							
1,2-Dichloroethane	ND	1.0	ug/L							
1,2-Dichloropropane	ND	1.0	ug/L							
1,3,5-Trimethylbenzene	ND	1.0	ug/L							
1,3-Dichlorobenzene	ND	1.0	ug/L							
1,3-Dichloropropane	ND	1.0	ug/L							
1,4-Dichlorobenzene	ND	1.0	ug/L							
1,4-Dioxane - Screen	ND	500	ug/L							
2,2-Dichloropropane	ND	1.0	ug/L							
2-Butanone	ND	10.0	ug/L							
2-Chlorotoluene	ND	1.0	ug/L							
2-Hexanone	ND	10.0	ug/L							
4-Chlorotoluene	ND	1.0	ug/L							
4-Isopropyltoluene	ND	1.0	ug/L							
4-Methyl-2-Pentanone	ND	10.0	ug/L							
Acetone	ND	10.0	ug/L							
Benzene	ND	1.0	ug/L							
Bromobenzene	ND	2.0	ug/L							
Bromochloromethane	ND	1.0	ug/L							
Bromodichloromethane	ND	0.6	ug/L							
Bromoform	ND	1.0	ug/L							
Bromomethane	ND	2.0	ug/L							
Carbon Disulfide	ND	1.0	ug/L							
Carbon Tetrachloride	ND	1.0	ug/L							
Chlorobenzene	ND	1.0	ug/L							
Chloroethane	ND	2.0	ug/L							
Chloroform	ND	1.0	ug/L							
Chloromethane	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	1.0	ug/L							
cis-1,3-Dichloropropene	ND	0.4	ug/L							
Dibromochloromethane	ND	1.0	ug/L							
Dibromomethane	ND	1.0	ug/L							
Dichlorodifluoromethane	ND	2.0	ug/L							
Diethyl Ether	ND	1.0	ug/L							
Di-isopropyl ether	ND	1.0	ug/L							
Ethyl tertiary-butyl ether	ND	1.0	ug/L							
Ethylbenzene	ND	1.0	ug/L							

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
ESS Laboratory Work Order: 1511224

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CK51139 - 5030B										
Hexachlorobutadiene	ND	0.6	ug/L							
Hexachloroethane	ND	1.0	ug/L							
Isopropylbenzene	ND	1.0	ug/L							
Methyl tert-Butyl Ether	ND	1.0	ug/L							
Methylene Chloride	ND	2.0	ug/L							
Naphthalene	ND	1.0	ug/L							
n-Butylbenzene	ND	1.0	ug/L							
n-Propylbenzene	ND	1.0	ug/L							
sec-Butylbenzene	ND	1.0	ug/L							
Styrene	ND	1.0	ug/L							
tert-Butylbenzene	ND	1.0	ug/L							
Tertiary-amyl methyl ether	ND	1.0	ug/L							
Tetrachloroethene	ND	1.0	ug/L							
Tetrahydrofuran	ND	5.0	ug/L							
Toluene	ND	1.0	ug/L							
trans-1,2-Dichloroethene	ND	1.0	ug/L							
trans-1,3-Dichloropropene	ND	0.4	ug/L							
Trichloroethene	ND	1.0	ug/L							
Trichlorofluoromethane	ND	1.0	ug/L							
Vinyl Chloride	ND	1.0	ug/L							
Xylene O	ND	1.0	ug/L							
Xylene P,M	ND	2.0	ug/L							
Xylenes (Total)	ND	2.0	ug/L							
Surrogate: 1,2-Dichloroethane-d4	*25.3*		ug/L	*25.00*		*101*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*22.9*		ug/L	*25.00*		*92*	*70-130*			
Surrogate: Dibromofluoromethane	*25.4*		ug/L	*25.00*		*102*	*70-130*			
Surrogate: Toluene-d8	*29.6*		ug/L	*25.00*		*118*	*70-130*			
LCS										
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.00		100	70-130			
1,1,1-Trichloroethane	9.2		ug/L	10.00		92	70-130			
1,1,2,2-Tetrachloroethane	10.3		ug/L	10.00		103	70-130			
1,1,2-Trichloroethane	9.8		ug/L	10.00		98	70-130			
1,1-Dichloroethane	9.4		ug/L	10.00		94	70-130			
1,1-Dichloroethene	10.0		ug/L	10.00		100	70-130			
1,1-Dichloropropene	9.1		ug/L	10.00		91	70-130			
1,2,3-Trichlorobenzene	10.8		ug/L	10.00		108	70-130			
1,2,3-Trichloropropane	9.8		ug/L	10.00		98	70-130			
1,2,4-Trichlorobenzene	10.5		ug/L	10.00		105	70-130			
1,2,4-Trimethylbenzene	9.6		ug/L	10.00		96	70-130			
1,2-Dibromo-3-Chloropropane	9.3		ug/L	10.00		93	70-130			
1,2-Dibromoethane	10.7		ug/L	10.00		107	70-130			
1,2-Dichlorobenzene	10.3		ug/L	10.00		103	70-130			
1,2-Dichloroethane	9.0		ug/L	10.00		90	70-130			
1,2-Dichloropropane	9.4		ug/L	10.00		94	70-130			
1,3,5-Trimethylbenzene	9.7		ug/L	10.00		97	70-130			

ESS Laboratory
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BAL Laboratory
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CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
ESS Laboratory Work Order: 1511224

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CK51139 - 5030B										
1,3-Dichlorobenzene	10.4		ug/L	10.00		104	70-130			
1,3-Dichloropropane	11.3		ug/L	10.00		113	70-130			
1,4-Dichlorobenzene	10.0		ug/L	10.00		100	70-130			
1,4-Dioxane - Screen	220		ug/L	200.0		110	0-332			
2,2-Dichloropropane	9.5		ug/L	10.00		95	70-130			
2-Butanone	45.5		ug/L	50.00		91	70-130			
2-Chlorotoluene	10.4		ug/L	10.00		104	70-130			
2-Hexanone	53.5		ug/L	50.00		107	70-130			
4-Chlorotoluene	9.8		ug/L	10.00		98	70-130			
4-Isopropyltoluene	9.5		ug/L	10.00		95	70-130			
4-Methyl-2-Pentanone	49.1		ug/L	50.00		98	70-130			
Acetone	45.7		ug/L	50.00		91	70-130			
Benzene	9.7		ug/L	10.00		97	70-130			
Bromobenzene	10.3		ug/L	10.00		103	70-130			
Bromochloromethane	10.0		ug/L	10.00		100	70-130			
Bromodichloromethane	9.7		ug/L	10.00		97	70-130			
Bromoform	10.7		ug/L	10.00		107	70-130			
Bromomethane	7.7		ug/L	10.00		77	70-130			
Carbon Disulfide	12.0		ug/L	10.00		120	70-130			
Carbon Tetrachloride	9.7		ug/L	10.00		97	70-130			
Chlorobenzene	10.4		ug/L	10.00		104	70-130			
Chloroethane	8.6		ug/L	10.00		86	70-130			
Chloroform	9.3		ug/L	10.00		93	70-130			
Chloromethane	7.3		ug/L	10.00		73	70-130			
cis-1,2-Dichloroethene	10.5		ug/L	10.00		105	70-130			
cis-1,3-Dichloropropene	8.7		ug/L	10.00		87	70-130			
Dibromochloromethane	10.6		ug/L	10.00		106	70-130			
Dibromomethane	9.7		ug/L	10.00		97	70-130			
Dichlorodifluoromethane	8.3		ug/L	10.00		83	70-130			
Diethyl Ether	9.6		ug/L	10.00		96	70-130			
Di-isopropyl ether	9.9		ug/L	10.00		99	70-130			
Ethyl tertiary-butyl ether	9.1		ug/L	10.00		91	70-130			
Ethylbenzene	9.8		ug/L	10.00		98	70-130			
Hexachlorobutadiene	11.5		ug/L	10.00		115	70-130			
Hexachloroethane	10.3		ug/L	10.00		103	70-130			
Isopropylbenzene	9.4		ug/L	10.00		94	70-130			
Methyl tert-Butyl Ether	9.3		ug/L	10.00		93	70-130			
Methylene Chloride	9.4		ug/L	10.00		94	70-130			
Naphthalene	9.9		ug/L	10.00		99	70-130			
n-Butylbenzene	9.6		ug/L	10.00		96	70-130			
n-Propylbenzene	9.0		ug/L	10.00		90	70-130			
sec-Butylbenzene	9.6		ug/L	10.00		96	70-130			
Styrene	9.5		ug/L	10.00		95	70-130			
tert-Butylbenzene	9.5		ug/L	10.00		95	70-130			
Tertiary-amyl methyl ether	8.8		ug/L	10.00		88	70-130			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511224

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CK51139 - 5030B										
Tetrachloroethene	8.4		ug/L	10.00		84	70-130			
Tetrahydrofuran	10.8		ug/L	10.00		108	70-130			
Toluene	10.3		ug/L	10.00		103	70-130			
trans-1,2-Dichloroethene	10.1		ug/L	10.00		101	70-130			
trans-1,3-Dichloropropene	7.8		ug/L	10.00		78	70-130			
Trichloroethene	9.7		ug/L	10.00		97	70-130			
Trichlorofluoromethane	8.7		ug/L	10.00		87	70-130			
Vinyl Chloride	8.8		ug/L	10.00		88	70-130			
Xylene O	9.8		ug/L	10.00		98	70-130			
Xylene P,M	20.1		ug/L	20.00		100	70-130			
Xylenes (Total)	29.8		ug/L							
Surrogate: 1,2-Dichloroethane-d4	*23.1*		ug/L	*25.00*		*92*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*26.4*		ug/L	*25.00*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*25.3*		ug/L	*25.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*28.8*		ug/L	*25.00*		*115*	*70-130*			
LCS Dup										
1,1,1,2-Tetrachloroethane	9.0		ug/L	10.00		90	70-130	11	25	
1,1,1-Trichloroethane	9.4		ug/L	10.00		94	70-130	2	25	
1,1,2,2-Tetrachloroethane	10.0		ug/L	10.00		100	70-130	3	25	
1,1,2-Trichloroethane	9.8		ug/L	10.00		98	70-130	0.2	25	
1,1-Dichloroethane	9.3		ug/L	10.00		93	70-130	1	25	
1,1-Dichloroethene	9.9		ug/L	10.00		99	70-130	1	25	
1,1-Dichloropropene	9.3		ug/L	10.00		93	70-130	2	25	
1,2,3-Trichlorobenzene	9.9		ug/L	10.00		99	70-130	9	25	
1,2,3-Trichloropropane	9.3		ug/L	10.00		93	70-130	5	25	
1,2,4-Trichlorobenzene	9.7		ug/L	10.00		97	70-130	8	25	
1,2,4-Trimethylbenzene	9.3		ug/L	10.00		93	70-130	3	25	
1,2-Dibromo-3-Chloropropane	9.8		ug/L	10.00		98	70-130	6	25	
1,2-Dibromoethane	10.0		ug/L	10.00		100	70-130	7	25	
1,2-Dichlorobenzene	9.7		ug/L	10.00		97	70-130	6	25	
1,2-Dichloroethane	8.7		ug/L	10.00		87	70-130	3	25	
1,2-Dichloropropane	9.3		ug/L	10.00		93	70-130	1	25	
1,3,5-Trimethylbenzene	9.6		ug/L	10.00		96	70-130	1	25	
1,3-Dichlorobenzene	10.0		ug/L	10.00		100	70-130	4	25	
1,3-Dichloropropane	10.2		ug/L	10.00		102	70-130	11	25	
1,4-Dichlorobenzene	9.5		ug/L	10.00		95	70-130	5	25	
1,4-Dioxane - Screen	209		ug/L	200.0		105	0-332	5	200	
2,2-Dichloropropane	9.0		ug/L	10.00		90	70-130	6	25	
2-Butanone	42.8		ug/L	50.00		86	70-130	6	25	
2-Chlorotoluene	10.1		ug/L	10.00		101	70-130	3	25	
2-Hexanone	47.5		ug/L	50.00		95	70-130	12	25	
4-Chlorotoluene	9.4		ug/L	10.00		94	70-130	3	25	
4-Isopropyltoluene	9.3		ug/L	10.00		93	70-130	3	25	
4-Methyl-2-Pentanone	47.2		ug/L	50.00		94	70-130	4	25	
Acetone	45.7		ug/L	50.00		91	70-130	0.07	25	

ESS Laboratory
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BAL Laboratory
The Microbiology Division
of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511224

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CK51139 - 5030B										
Benzene	9.6		ug/L	10.00		96	70-130	0.6	25	
Bromobenzene	10.1		ug/L	10.00		101	70-130	2	25	
Bromochloromethane	9.7		ug/L	10.00		97	70-130	4	25	
Bromodichloromethane	9.7		ug/L	10.00		97	70-130	0.3	25	
Bromoform	9.8		ug/L	10.00		98	70-130	8	25	
Bromomethane	7.1		ug/L	10.00		71	70-130	8	25	
Carbon Disulfide	12.9		ug/L	10.00		129	70-130	7	25	
Carbon Tetrachloride	9.7		ug/L	10.00		97	70-130	0.6	25	
Chlorobenzene	9.5		ug/L	10.00		95	70-130	9	25	
Chloroethane	8.2		ug/L	10.00		82	70-130	5	25	
Chloroform	9.1		ug/L	10.00		91	70-130	2	25	
Chloromethane	7.4		ug/L	10.00		74	70-130	1	25	
cis-1,2-Dichloroethene	10.2		ug/L	10.00		102	70-130	2	25	
cis-1,3-Dichloropropene	8.4		ug/L	10.00		84	70-130	3	25	
Dibromochloromethane	9.5		ug/L	10.00		95	70-130	10	25	
Dibromomethane	9.6		ug/L	10.00		96	70-130	0.3	25	
Dichlorodifluoromethane	8.4		ug/L	10.00		84	70-130	2	25	
Diethyl Ether	9.2		ug/L	10.00		92	70-130	4	25	
Di-isopropyl ether	9.8		ug/L	10.00		98	70-130	2	25	
Ethyl tertiary-butyl ether	9.0		ug/L	10.00		90	70-130	1	25	
Ethylbenzene	9.0		ug/L	10.00		90	70-130	8	25	
Hexachlorobutadiene	10.9		ug/L	10.00		109	70-130	5	25	
Hexachloroethane	9.6		ug/L	10.00		96	70-130	7	25	
Isopropylbenzene	9.2		ug/L	10.00		92	70-130	2	25	
Methyl tert-Butyl Ether	9.0		ug/L	10.00		90	70-130	3	25	
Methylene Chloride	11.9		ug/L	10.00		119	70-130	24	25	
Naphthalene	9.0		ug/L	10.00		90	70-130	10	25	
n-Butylbenzene	9.3		ug/L	10.00		93	70-130	3	25	
n-Propylbenzene	8.9		ug/L	10.00		89	70-130	1	25	
sec-Butylbenzene	9.6		ug/L	10.00		96	70-130	0.1	25	
Styrene	8.8		ug/L	10.00		88	70-130	7	25	
tert-Butylbenzene	9.4		ug/L	10.00		94	70-130	0.8	25	
Tertiary-amyl methyl ether	8.9		ug/L	10.00		89	70-130	0.5	25	
Tetrachloroethene	7.9		ug/L	10.00		79	70-130	7	25	
Tetrahydrofuran	9.6		ug/L	10.00		96	70-130	11	25	
Toluene	10.2		ug/L	10.00		102	70-130	0.9	25	
trans-1,2-Dichloroethene	9.9		ug/L	10.00		99	70-130	2	25	
trans-1,3-Dichloropropene	7.8		ug/L	10.00		78	70-130	0.1	25	
Trichloroethene	9.5		ug/L	10.00		95	70-130	2	25	
Trichlorofluoromethane	8.8		ug/L	10.00		88	70-130	2	25	
Vinyl Chloride	8.8		ug/L	10.00		88	70-130	0.6	25	
Xylene O	8.9		ug/L	10.00		89	70-130	9	25	
Xylene P,M	18.6		ug/L	20.00		93	70-130	7	25	
Xylenes (Total)	27.6		ug/L							
Surrogate: 1,2-Dichloroethane-d4	*22.6*		ug/L	*25.00*		*90*	*70-130*			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511224

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CK51139 - 5030B										
Surrogate: 4-Bromofluorobenzene	*23.9*		ug/L	*25.00*		*96*	*70-130*			
Surrogate: Dibromofluoromethane	*24.9*		ug/L	*25.00*		*100*	*70-130*			
Surrogate: Toluene-d8	*26.9*		ug/L	*25.00*		*108*	*70-130*			
8270D Semi-Volatile Organic Compounds										
Batch CK51314 - 3520C										
Blank										
1,2,4-Trichlorobenzene	ND	10.0	ug/L							
1,2-Dichlorobenzene	ND	10.0	ug/L							
1,3-Dichlorobenzene	ND	10.0	ug/L							
1,4-Dichlorobenzene	ND	10.0	ug/L							
2,4,5-Trichlorophenol	ND	10.0	ug/L							
2,4,6-Trichlorophenol	ND	10.0	ug/L							
2,4-Dichlorophenol	ND	10.0	ug/L							
2,4-Dimethylphenol	ND	50.0	ug/L							
2,4-Dinitrophenol	ND	50.0	ug/L							
2,4-Dinitrotoluene	ND	10.0	ug/L							
2,6-Dinitrotoluene	ND	10.0	ug/L							
2-Chloronaphthalene	ND	10.0	ug/L							
2-Chlorophenol	ND	10.0	ug/L							
2-Methylnaphthalene	ND	10.0	ug/L							
2-Methylphenol	ND	10.0	ug/L							
2-Nitrophenol	ND	10.0	ug/L							
3,3'-Dichlorobenzidine	ND	20.0	ug/L							
3+4-Methylphenol	ND	20.0	ug/L							
4-Bromophenyl-phenylether	ND	10.0	ug/L							
4-Chloroaniline	ND	20.0	ug/L							
4-Nitrophenol	ND	50.0	ug/L							
Acenaphthene	ND	10.0	ug/L							
Acenaphthylene	ND	10.0	ug/L							
Acetophenone	ND	10.0	ug/L							
Aniline	ND	10.0	ug/L							
Anthracene	ND	10.0	ug/L							
Azobenzene	ND	20.0	ug/L							
Benzo(a)anthracene	ND	10.0	ug/L							
Benzo(a)pyrene	ND	10.0	ug/L							
Benzo(b)fluoranthene	ND	10.0	ug/L							
Benzo(g,h,i)perylene	ND	10.0	ug/L							
Benzo(k)fluoranthene	ND	10.0	ug/L							
bis(2-Chloroethoxy)methane	ND	10.0	ug/L							
bis(2-Chloroethyl)ether	ND	10.0	ug/L							
bis(2-chloroisopropyl)Ether	ND	10.0	ug/L							
bis(2-Ethylhexyl)phthalate	ND	6.0	ug/L							
Butylbenzylphthalate	ND	10.0	ug/L							

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CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
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ESS Laboratory Work Order: 1511224

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270D Semi-Volatile Organic Compounds										
Batch CK51314 - 3520C										
Chrysene	ND	10.0	ug/L							
Dibenzo(a,h)Anthracene	ND	10.0	ug/L							
Dibenzofuran	ND	10.0	ug/L							
Diethylphthalate	ND	10.0	ug/L							
Dimethylphthalate	ND	10.0	ug/L							
Di-n-butylphthalate	ND	10.0	ug/L							
Di-n-octylphthalate	ND	10.0	ug/L							
Fluoranthene	ND	10.0	ug/L							
Fluorene	ND	10.0	ug/L							
Hexachlorobenzene	ND	10.0	ug/L							
Hexachlorobutadiene	ND	10.0	ug/L							
Hexachloroethane	ND	5.0	ug/L							
Indeno(1,2,3-cd)Pyrene	ND	10.0	ug/L							
Isophorone	ND	10.0	ug/L							
Naphthalene	ND	10.0	ug/L							
Nitrobenzene	ND	10.0	ug/L							
N-Nitrosodimethylamine	ND	10.0	ug/L							
Pentachlorophenol	ND	50.0	ug/L							
Phenanthrene	ND	10.0	ug/L							
Phenol	ND	10.0	ug/L							
Pyrene	ND	10.0	ug/L							
Surrogate: 1,2-Dichlorobenzene-d4	*76.2*		ug/L	*100.0*		*76*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*141*		ug/L	*150.0*		*94*	*15-110*			
Surrogate: 2-Chlorophenol-d4	*112*		ug/L	*150.0*		*75*	*15-110*			
Surrogate: 2-Fluorobiphenyl	*79.2*		ug/L	*100.0*		*79*	*30-130*			
Surrogate: 2-Fluorophenol	*93.6*		ug/L	*150.0*		*62*	*15-110*			
Surrogate: Nitrobenzene-d5	*85.0*		ug/L	*100.0*		*85*	*30-130*			
Surrogate: Phenol-d6	*116*		ug/L	*150.0*		*77*	*15-110*			
Surrogate: p-Terphenyl-d14	*115*		ug/L	*100.0*		*115*	*30-130*			
LCS										
1,2,4-Trichlorobenzene	55.9	10.0	ug/L	100.0		56	40-140			
1,2-Dichlorobenzene	53.5	10.0	ug/L	100.0		53	40-140			
1,3-Dichlorobenzene	52.8	10.0	ug/L	100.0		53	40-140			
1,4-Dichlorobenzene	53.1	10.0	ug/L	100.0		53	40-140			
2,4,5-Trichlorophenol	62.4	10.0	ug/L	100.0		62	30-130			
2,4,6-Trichlorophenol	59.9	10.0	ug/L	100.0		60	30-130			
2,4-Dichlorophenol	56.8	10.0	ug/L	100.0		57	30-130			
2,4-Dimethylphenol	47.9	50.0	ug/L	100.0		48	30-130			
2,4-Dinitrophenol	68.2	50.0	ug/L	100.0		68	30-130			
2,4-Dinitrotoluene	65.3	10.0	ug/L	100.0		65	40-140			
2,6-Dinitrotoluene	59.1	10.0	ug/L	100.0		59	40-140			
2-Chloronaphthalene	51.8	10.0	ug/L	100.0		52	40-140			
2-Chlorophenol	48.4	10.0	ug/L	100.0		48	30-130			
2-Methylnaphthalene	56.0	10.0	ug/L	100.0		56	40-140			
2-Methylphenol	52.2	10.0	ug/L	100.0		52	30-130			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511224

Quality Control Data

8270D Semi-Volatile Organic Compounds

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch CK51314 - 3520C										
2-Nitrophenol	60.5	10.0	ug/L	100.0		61	30-130			
3,3'-Dichlorobenzidine	60.8	20.0	ug/L	100.0		61	40-140			
3+4-Methylphenol	104	20.0	ug/L	200.0		52	30-130			
4-Bromophenyl-phenylether	63.8	10.0	ug/L	100.0		64	40-140			
4-Chloroaniline	50.7	20.0	ug/L	100.0		51	40-140			
4-Nitrophenol	60.7	50.0	ug/L	100.0		61	30-130			
Acenaphthene	59.4	10.0	ug/L	100.0		59	40-140			
Acenaphthylene	56.6	10.0	ug/L	100.0		57	40-140			
Acetophenone	57.8	10.0	ug/L	100.0		58	40-140			
Aniline	46.2	10.0	ug/L	100.0		46	40-140			
Anthracene	62.6	10.0	ug/L	100.0		63	40-140			
Azobenzene	65.7	20.0	ug/L	100.0		66	40-140			
Benzo(a)anthracene	65.5	10.0	ug/L	100.0		66	40-140			
Benzo(a)pyrene	62.4	10.0	ug/L	100.0		62	40-140			
Benzo(b)fluoranthene	67.4	10.0	ug/L	100.0		67	40-140			
Benzo(g,h,i)perylene	63.7	10.0	ug/L	100.0		64	40-140			
Benzo(k)fluoranthene	60.5	10.0	ug/L	100.0		60	40-140			
bis(2-Chloroethoxy)methane	61.5	10.0	ug/L	100.0		62	40-140			
bis(2-Chloroethyl)ether	59.3	10.0	ug/L	100.0		59	40-140			
bis(2-chloroisopropyl)Ether	55.8	10.0	ug/L	100.0		56	40-140			
bis(2-Ethylhexyl)phthalate	68.9	6.0	ug/L	100.0		69	40-140			
Butylbenzylphthalate	70.9	10.0	ug/L	100.0		71	40-140			
Chrysene	65.5	10.0	ug/L	100.0		65	40-140			
Dibenzo(a,h)Anthracene	66.4	10.0	ug/L	100.0		66	40-140			
Dibenzofuran	56.5	10.0	ug/L	100.0		56	40-140			
Diethylphthalate	61.8	10.0	ug/L	100.0		62	40-140			
Dimethylphthalate	60.6	10.0	ug/L	100.0		61	40-140			
Di-n-butylphthalate	70.4	10.0	ug/L	100.0		70	40-140			
Di-n-octylphthalate	67.7	10.0	ug/L	100.0		68	40-140			
Fluoranthene	64.1	10.0	ug/L	100.0		64	40-140			
Fluorene	60.6	10.0	ug/L	100.0		61	40-140			
Hexachlorobenzene	60.4	10.0	ug/L	100.0		60	40-140			
Hexachlorobutadiene	55.5	10.0	ug/L	100.0		56	40-140			
Hexachloroethane	51.1	5.0	ug/L	100.0		51	40-140			
Indeno(1,2,3-cd)Pyrene	64.9	10.0	ug/L	100.0		65	40-140			
Isophorone	59.9	10.0	ug/L	100.0		60	40-140			
Naphthalene	58.3	10.0	ug/L	100.0		58	40-140			
Nitrobenzene	60.0	10.0	ug/L	100.0		60	40-140			
N-Nitrosodimethylamine	63.6	10.0	ug/L	100.0		64	40-140			
Pentachlorophenol	72.4	50.0	ug/L	100.0		72	30-130			
Phenanthrene	63.2	10.0	ug/L	100.0		63	40-140			
Phenol	48.4	10.0	ug/L	100.0		48	30-130			
Pyrene	68.3	10.0	ug/L	100.0		68	40-140			
Surrogate: 1,2-Dichlorobenzene-d4	*53.8*		ug/L	*100.0*		*54*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*101*		ug/L	*150.0*		*67*	*15-110*			

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CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511224

Quality Control Data

8270D Semi-Volatile Organic Compounds

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch CK51314 - 3520C										
Surrogate: 2-Chlorophenol-d4	*72.4*		ug/L	*150.0*		*48*	*15-110*			
Surrogate: 2-Fluorobiphenyl	*57.3*		ug/L	*100.0*		*57*	*30-130*			
Surrogate: 2-Fluorophenol	*58.8*		ug/L	*150.0*		*39*	*15-110*			
Surrogate: Nitrobenzene-d5	*60.6*		ug/L	*100.0*		*61*	*30-130*			
Surrogate: Phenol-d6	*75.1*		ug/L	*150.0*		*50*	*15-110*			
Surrogate: p-Terphenyl-d14	*71.5*		ug/L	*100.0*		*72*	*30-130*			
LCS Dup										
1,2,4-Trichlorobenzene	64.9	10.0	ug/L	100.0		65	40-140	15	20	
1,2-Dichlorobenzene	61.7	10.0	ug/L	100.0		62	40-140	14	20	
1,3-Dichlorobenzene	60.4	10.0	ug/L	100.0		60	40-140	14	20	
1,4-Dichlorobenzene	59.8	10.0	ug/L	100.0		60	40-140	12	20	
2,4,5-Trichlorophenol	79.2	10.0	ug/L	100.0		79	30-130	24	20	D+
2,4,6-Trichlorophenol	75.2	10.0	ug/L	100.0		75	30-130	23	20	D+
2,4-Dichlorophenol	73.3	10.0	ug/L	100.0		73	30-130	25	20	D+
2,4-Dimethylphenol	61.6	50.0	ug/L	100.0		62	30-130	25	20	D+
2,4-Dinitrophenol	82.1	50.0	ug/L	100.0		82	30-130	18	20	
2,4-Dinitrotoluene	78.0	10.0	ug/L	100.0		78	40-140	18	20	
2,6-Dinitrotoluene	72.4	10.0	ug/L	100.0		72	40-140	20	20	
2-Chloronaphthalene	60.8	10.0	ug/L	100.0		61	40-140	16	20	
2-Chlorophenol	64.8	10.0	ug/L	100.0		65	30-130	29	20	D+
2-Methylnaphthalene	68.2	10.0	ug/L	100.0		68	40-140	20	20	
2-Methylphenol	68.8	10.0	ug/L	100.0		69	30-130	27	20	D+
2-Nitrophenol	78.4	10.0	ug/L	100.0		78	30-130	26	20	D+
3,3'-Dichlorobenzidine	67.1	20.0	ug/L	100.0		67	40-140	10	20	
3+4-Methylphenol	138	20.0	ug/L	200.0		69	30-130	28	20	D+
4-Bromophenyl-phenylether	72.7	10.0	ug/L	100.0		73	40-140	13	20	
4-Chloroaniline	60.3	20.0	ug/L	100.0		60	40-140	17	20	
4-Nitrophenol	73.4	50.0	ug/L	100.0		73	30-130	19	20	
Acenaphthene	70.8	10.0	ug/L	100.0		71	40-140	18	20	
Acenaphthylene	67.0	10.0	ug/L	100.0		67	40-140	17	20	
Acetophenone	71.4	10.0	ug/L	100.0		71	40-140	21	20	D+
Aniline	55.5	10.0	ug/L	100.0		56	40-140	18	20	
Anthracene	71.8	10.0	ug/L	100.0		72	40-140	14	20	
Azobenzene	75.5	20.0	ug/L	100.0		75	40-140	14	20	
Benzo(a)anthracene	74.1	10.0	ug/L	100.0		74	40-140	12	20	
Benzo(a)pyrene	70.8	10.0	ug/L	100.0		71	40-140	12	20	
Benzo(b)fluoranthene	75.9	10.0	ug/L	100.0		76	40-140	12	20	
Benzo(g,h,i)perylene	71.5	10.0	ug/L	100.0		72	40-140	12	20	
Benzo(k)fluoranthene	70.2	10.0	ug/L	100.0		70	40-140	15	20	
bis(2-Chloroethoxy)methane	73.4	10.0	ug/L	100.0		73	40-140	18	20	
bis(2-Chloroethyl)ether	71.3	10.0	ug/L	100.0		71	40-140	18	20	
bis(2-chloroisopropyl)Ether	67.1	10.0	ug/L	100.0		67	40-140	18	20	
bis(2-Ethylhexyl)phthalate	77.9	6.0	ug/L	100.0		78	40-140	12	20	
Butylbenzylphthalate	77.6	10.0	ug/L	100.0		78	40-140	9	20	
Chrysene	73.7	10.0	ug/L	100.0		74	40-140	12	20	

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CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511224

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270D Semi-Volatile Organic Compounds										
Batch CK51314 - 3520C										
Dibenzo(a,h)Anthracene	73.8	10.0	ug/L	100.0		74	40-140	10	20	
Dibenzofuran	68.3	10.0	ug/L	100.0		68	40-140	19	20	
Diethylphthalate	73.1	10.0	ug/L	100.0		73	40-140	17	20	
Dimethylphthalate	72.1	10.0	ug/L	100.0		72	40-140	17	20	
Di-n-butylphthalate	79.2	10.0	ug/L	100.0		79	40-140	12	20	
Di-n-octylphthalate	78.2	10.0	ug/L	100.0		78	40-140	14	20	
Fluoranthene	74.9	10.0	ug/L	100.0		75	40-140	16	20	
Fluorene	73.0	10.0	ug/L	100.0		73	40-140	19	20	
Hexachlorobenzene	69.4	10.0	ug/L	100.0		69	40-140	14	20	
Hexachlorobutadiene	63.2	10.0	ug/L	100.0		63	40-140	13	20	
Hexachloroethane	57.3	5.0	ug/L	100.0		57	40-140	11	20	
Indeno(1,2,3-cd)Pyrene	72.8	10.0	ug/L	100.0		73	40-140	11	20	
Isophorone	72.6	10.0	ug/L	100.0		73	40-140	19	20	
Naphthalene	68.6	10.0	ug/L	100.0		69	40-140	16	20	
Nitrobenzene	71.3	10.0	ug/L	100.0		71	40-140	17	20	
N-Nitrosodimethylamine	72.0	10.0	ug/L	100.0		72	40-140	12	20	
Pentachlorophenol	86.1	50.0	ug/L	100.0		86	30-130	17	20	
Phenanthrene	73.0	10.0	ug/L	100.0		73	40-140	14	20	
Phenol	64.0	10.0	ug/L	100.0		64	30-130	28	20	D+
Pyrene	77.0	10.0	ug/L	100.0		77	40-140	12	20	
Surrogate: 1,2-Dichlorobenzene-d4	*61.7*		ug/L	*100.0*		*62*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*118*		ug/L	*150.0*		*79*	*15-110*			
Surrogate: 2-Chlorophenol-d4	*95.0*		ug/L	*150.0*		*63*	*15-110*			
Surrogate: 2-Fluorobiphenyl	*64.8*		ug/L	*100.0*		*65*	*30-130*			
Surrogate: 2-Fluorophenol	*82.3*		ug/L	*150.0*		*55*	*15-110*			
Surrogate: Nitrobenzene-d5	*70.3*		ug/L	*100.0*		*70*	*30-130*			
Surrogate: Phenol-d6	*98.2*		ug/L	*150.0*		*65*	*15-110*			
Surrogate: p-Terphenyl-d14	*78.2*		ug/L	*100.0*		*78*	*30-130*			

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CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511224

Notes and Definitions

Z16	Aqueous pH measured in water at 7.5 °C.
U	Analyte included in the analysis, but not detected
Q	Calibration required quadratic regression (Q).
PH+	pH > 2 (PH+)
D+	Relative percent difference for duplicate is outside of criteria (D+)
D	Diluted.
CD+	Continuing Calibration %Diff/Drift is above control limit (CD+).
CD-	Continuing Calibration %Diff/Drift is below control limit (CD-)
ND	Analyte NOT DETECTED at or above the MRL (LOQ), LOD for DoD Reports, MDL for J-Flagged Analytes
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method Detection Limit
MRL	Method Reporting Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
DL	Detection Limit
I/V	Initial Volume
F/V	Final Volume
§	Subcontracted analysis; see attached report
1	Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
2	Range result excludes concentrations of target analytes eluting in that range.
3	Range result excludes the concentration of the C9-C10 aromatic range.
Avg	Results reported as a mathematical average.
NR	No Recovery
[CALC]	Calculated Analyte
SUB	Subcontracted analysis; see attached report

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CERTIFICATE OF ANALYSIS

Client Name GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511224

ESS LABORATORY CERTIFICATIONS AND ACCREDITATIONS

ENVIRONMENTAL

Rhode Island Potable and Non Potable Water: LAI00179
http://www.health.ri.gov/find/labs/analytical/ESS.pdf

Connecticut Potable and Non Potable Water, Solid and Hazardous Waste: PH-0750
http://www.ct.gov/dph/lib/dph/environmental_health/environmental_laboratories/pdf/OutofStateCommercialLaboratories.pdf

Maine Potable and Non Potable Water, and Solid and Hazardous Waste: RI00002
http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/documents/AllLabs.xls

Massachusetts Potable and Non Potable Water: M-RI002
http://public.dep.state.ma.us/Labcert/Labcert.aspx

New Hampshire (NELAP accredited) Potable and Non Potable Water, Solid and Hazardous Waste: 2424
http://des.nh.gov/organization/divisions/water/dwgb/nhelap/index.htm

New York (NELAP accredited) Non Potable Water, Solid and Hazardous Waste: 11313
http://www.wadsworth.org/labcert/elap/comm.html

New Jersey (NELAP accredited) Non Potable Water, Solid and Hazardous Waste: RI006
http://datamine2.state.nj.us/DEP_OPRA/OpraMain/pi_main?mode=pi_by_site&sort_order=PI_NAME&Select+a+Site.=58715

United States Department of Agriculture Soil Permit: P330-12-00139

Pennsylvania: 68-01752
http://www.depweb.state.pa.us/portal/server.pt/community/labs/13780/laboratory_accreditation_program/590095

Sample and Cooler Receipt Checklist

Client: GZA GeoEnvironmental, Inc.
Client Project ID: _____
Shipped/Delivered Via: ESS Courier

ESS Project ID: 15110224
Date Project Due: 11/17/15
Days For Project: 5 Day

Items to be checked upon receipt:

1. Air Bill Manifest Present?	*No	10. Are the samples properly preserved?	Yes
Air No.:		11. Proper sample containers used?	Yes
2. Were Custody Seals Present?	No	12. Any air bubbles in the VOA vials?	No
3. Were Custody Seals Intact?	N/A	13. Holding times exceeded?	No
4. Is Radiation count < 100 CPM?	Yes	14. Sufficient sample volumes?	Yes
5. Is a cooler present?	Yes	15. Any Subcontracting needed?	No
Cooler Temp: 2.0		16. Are ESS labels on correct containers?	(Yes) No
Iced With: Ice		17. Were samples received Intact?	(Yes) No
6. Was COC included with samples?	Yes	ESS Sample IDs:	
7. Was COC signed and dated by client?	Yes	Sub Lab:	
8. Does the COC match the sample	Yes	Analysis:	
9. Is COC complete and correct?	Yes	TAT:	

18. Was there need to call project manager to discuss status? If yes, please explain.

_____

_____

Who was called?: _____ By whom? _____

Sample Number	Properly Preserved	Container Type	# of Containers	Preservative
1	Yes	1 L Glass	3	NP
1	Yes	250 ml Plastic	1	HNO3
1	Yes	250 ml Plastic	1	NP
1	Yes	40 ml - VOA	3	HCL

Completed By: _____ Date/Time: 11/10/15 2042
Reviewed By: _____ Date/Time: 11/11/15 2104

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CHAIN OF CUSTODY

ESS Lab # ~~151225~~ 151124 (JL 11/10/15)

Turn Time _____ Standard Other_____

Regulatory State: (MA) RI CT NH NJ NY ME Other_____

Is this project for any of the following:(please circle)
MA-MCP Navy USACE CT DEP Other_____

Reporting Limits - GW2/GW3 (per client e-mail CMT 11/12/15)

Electonic Deliverables (Excel) Access (PDF)

Co. Name: GZA	Project #: 171521.41	Project Name: Wynn Everett	
Contact Person: Matthew Smith	Proj. Location: Everett, MA	1 Horizon Way	
Address: 249 Vanderbilt Ave	City, State: Norwood, MA	Zip: 02062	PO #
Tel: 781-983-1671	email: Matthew.Smith@gza.com		

ESS Lab ID	Date	Collection Time	Grab-G Composite-C	Matrix	Sample ID	Pres Code	# of Containers	Type of Container	Vol of Container	Analysis: Flashpoint & TCLP	8260	8270	pH	TPH	PCBs	MCP 14 Metals	Conductivity	Reactivity
1	11/10/2015	1030	G	GW	UST Contents 1	1,2,4	8	V,AG	40 mL/4 oz		X	X	X	X		X		
1 (JL 11/11/15)	11/10/2015	1030	G	S	UST Contents 2	1,6	8	V,AG	250 mL/4 oz 1000 mL	X	X	X	X	X		X	X	X

Container Type: P-Poly G-Glass AG-Amber Glass S-Sterile V-VOA

Matrix: S-Soil SD-Solid D-Sludge WW-Wastewater GW-Groundwater SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filter

Cooler Present _____Yes _____No

Seals Intact ____Yes ____No NA:____

Cooler Temperature: 2.0 ice.

Internal Use Only
[ ] Pickup
[ ] Technician____

Preservation Code: (1-NP, 2-HCl, 3-H2SO4, 4-HNO3, 5-NaOH, 6-MeOH, 7-Asorbic Acid, 8-ZnAct, 9-____

Sampled by: Kip Webber

Comments: TCLP based on 20x rule

Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)	Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)
11/10/2015 1230	11/10/15 15:37	11/10/15 18:07	11/10/15 2039

* By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VIIA

Please fax to the laboratory all changes to Chain of Custody

Report Method Blank & Laboratory Control Sample Results

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CHAIN OF CUSTODY

ESS Lab # ~~151225~~ 151124 (JL 11/10/15)

Turn Time _____ Standard Other_____

Regulatory State: (MA) RI CT NH NJ NY ME Other_____

Is this project for any of the following:(please circle)
MA-MCP Navy USACE CT DEP Other_____

Reporting Limits - _____

Electonic Deliverables (Excel) Access (PDF)

Co. Name: GZA	Project #: 171521.41	Project Name: Wynn Everett	
Contact Person: Matthew Smith	Proj. Location: Everett, MA	1 Horizon Way	
Address: 249 Vanderbilt Ave	City, State: Norwood, MA	Zip: 02062	PO #
Tel: 781-983-1671	email: Matthew.Smith@gza.com		

ESS Lab ID	Date	Collection Time	Grab-G Composite-C	Matrix	Sample ID	Pres Code	# of Containers	Type of Container	Vol of Container	Analysis: Flashpoint & TCLP	8260	8270	pH	TPH	PCBs	MCP 14 Metals	Conductivity	Reactivity
1	11/10/2015	1030	G	GW	UST Contents 1	1,2,4	8	V,AG	40 mL/4 oz		X	X	X	X		X		
1 (JL 11/11/15)	11/10/2015	1030	G	S	UST Contents 2	1,6	8	V,AG	250 mL/4 oz 1000 mL	X	X	X	X	X		X	X	X

Container Type: P-Poly G-Glass AG-Amber Glass S-Sterile V-VOA

Matrix: S-Soil SD-Solid D-Sludge WW-Wastewater GW-Groundwater SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filter

Cooler Present _____Yes _____No

Seals Intact ____Yes ____No NA:____

Cooler Temperature: 2.0 ice.

Internal Use Only
[ ] Pickup
[ ] Technician____

Preservation Code: (1-NP, 2-HCl, 3-H2SO4, 4-HNO3, 5-NaOH, 6-MeOH, 7-Asorbic Acid, 8-ZnAct, 9-____

Sampled by: Kip Webber

Comments: TCLP based on 20x rule

Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)	Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)
11/10/2015 1230	11/10/15 15:37	11/10/15 18:07	11/10/15 2039

* By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VIIA

Please fax to the laboratory all changes to Chain of Custody

Report Method Blank & Laboratory Control Sample Results

CERTIFICATE OF ANALYSIS

Matt Smith
GZA GeoEnvironmental, Inc.
249 Vanderbilt Avenue
Norwood, MA 02062

RE: Wynn Everett - MCP (01.0171521.41)
ESS Laboratory Work Order Number: 1511225

This signed Certificate of Analysis is our approved release of your analytical results. These results are only representative of sample aliquots received at the laboratory. ESS Laboratory expects its clients to follow all regulatory sampling guidelines. Beginning with this page, the entire report has been paginated. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been delivered. If you have any questions or concerns, please feel free to call our Customer Service Department.

Laurel Stoddard
Laboratory Director

REVIEWED
By ESS Laboratory at 3:51 pm, Nov 17, 2015

Analytical Summary
The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration is frequently used instead of automated integration because it produces more accurate results.

The test results present in this report are in compliance with NELAC Standards, A2LA and/or client Quality Assurance Project Plans (QAPP). The laboratory has reviewed the following: Sample Preservations, Hold Times, Initial Calibrations, Continuing Calibrations, Method Blanks, Blank Spikes, Blank Spike Duplicates, Duplicates, Matrix Spikes, Matrix Spike Duplicates, Surrogates and Internal Standards. Any results which were found to be outside of the recommended ranges stated in our SOPs will be noted in the Project Narrative.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511225

SAMPLE RECEIPT

The following samples were received on November 10, 2015 for the analyses specified on the enclosed Chain of Custody Record.

To achieve CAM compliance for MCP data, ESS Laboratory has performed and reviewed all QA/QC Requirements and Performance Standards listed in each method. Holding times and preservation have also been reviewed. All CAM requirements have been achieved unless noted in the project narrative.

Each method has been set-up in the laboratory to reach required MCP standards. The methods for aqueous VOA and Soil Methanol VOA have known limitations for certain analytes. The regulatory standards may not be achieved due to these limitations. In addition, for all methods, matrix interferences, dilutions, and %Solids may elevate method reporting limits above regulatory standards. ESS Laboratory can provide, upon request, a Data Checker (regulatory standard comparison spreadsheet) electronic deliverable which will highlight these exceedances.

Low Level VOA vials were frozen by ESS Laboratory on November 10, 2015 at 21:20.

Question I: All samples for EPH were analyzed for a subset of the required MCP list per the client's request.

Lab Number	Sample Name	Matrix	Analysis
1511225-01	UST Contents 2	Soil	1010, 1311, 1311/6010C, 1311/7470A, 6010C, 7.3.3.2, 7.3.4.1, 7010, 7471B, 8100M, 8260B Low, 8270D, 9045, 9050A

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511225

PROJECT NARRATIVE

5035/8260B Volatile Organic Compounds / Low Level

1511225-01 Internal Standard(s) outside of criteria. Sample was reanalyzed to confirm (IC).
1,4-Dichlorobenzene-D4 (47% @ 50-200%)

CK51212-BS1 Blank Spike recovery is above upper control limit (B+).
Acetone (146% @ 70-130%)

CK51212-BSD1 Relative percent difference for duplicate is outside of criteria (D+).
Acetone (41% @ 25%)

8270D Semi-Volatile Organic Compounds

CYK0171-CCV1 Calibration required quadratic regression (Q).
2,4-Dinitrophenol (111% @ 80-120%), Pentachlorophenol (107% @ 80-120%)

Total Metals

CK51109-BSD1 Relative percent difference for duplicate is outside of criteria (D+).
Selenium (23% @ 20%)

No other observations noted.

End of Project Narrative.

DATA USABILITY LINKS

Definitions of Quality Control Parameters

Semivolatile Organics Internal Standard Information

Semivolatile Organics Surrogate Information

Volatile Organics Internal Standard Information

Volatile Organics Surrogate Information

EPH and VPH Alkane Lists

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CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511225

CURRENT SW-846 METHODOLOGY VERSIONS

Analytical Methods

1010A - Flashpoint
6010C - ICP
6020A - ICP MS
7010 - Graphite Furnace
7196A - Hexavalent Chromium
7470A - Aqueous Mercury
7471B - Solid Mercury
8011 - EDB/DBCP/TCP
8015D - GRO/DRO
8081B - Pesticides
8082A - PCB
8100M - TPH
8151A - Herbicides
8260B - VOA
8270D - SVOA
8270D SIM - SVOA Low Level
9014 - Cyanide
9038 - Sulfate
9040C - Aqueous pH
9045D - Solid pH (Corrosivity)
9050A - Specific Conductance
9056A - Anions (IC)
9060A - TOC
9095B - Paint Filter
MADEP 04-1 1 - EPH / VPH

Prep Methods

3005A - Aqueous ICP Digestion
3020A - Aqueous Graphite Furnace / ICP MS Digestion
3050B - Solid ICP / Graphite Furnace / ICP MS Digestion
3060A - Solid Hexavalent Chromium Digestion
3510C - Separatory Funnel Extraction
3520C - Liquid / Liquid Extraction
3540C - Manual Soxhlet Extraction
3541 - Automated Soxhlet Extraction
3546 - Microwave Extraction
3580A - Waste Dilution
5030B - Aqueous Purge and Trap
5030C - Aqueous Purge and Trap
5035 - Solid Purge and Trap

SW846 Reactivity Methods 7.3.3.2 (Reactive Cyanide) and 7.3.4.1 (Reactive Sulfide) have been withdrawn by EPA. These methods are reported per client request and are not NELAP accredited.

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CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc
Client Project ID Wynn Everett - MCP

ESS Laboratory Work Order: 1511225

MassDEP Analytical Protocol Certification Form

MADEP RTN _____

This form provides certification for the following data set: **1511225-01**

Matrices. ( ) Ground Water/Surface Water (X) Soil/Sediment ( ) Drinking Water ( ) Air ( ) Other:_____

CAM Protocol (check all that apply below):

(X) 8260 VOC CAM II A	(X) 7470/7471 Hg CAM III B	( ) MassDEP VPH CAM IV A	( ) 8081 Pesticides CAM V B	( ) 7196 Hex Cr CAM VI B	( ) MassDEP APH CAM IX A
(X) 8270 SVOC CAM II B	(X) 7010 Metals CAM III C	(X) MassDEP EPH CAM IV B	( ) 8151 Herbicides CAM V C	( ) 8330 Explosives CAM VIII A	( ) TO-15 VOC CAM IX B
(X) 6010 Metals CAM III A	( ) 6020 Metals CAM III D	( ) 8082 PCB CAM V A	( ) 6860 Perchlorate CAM VIII B	( ) 9014 Total Cyanide/PAC CAM VI A	

Affirmative responses to questions A through F are required for Presumptive Certainty'status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	Yes (X) No ( )
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	Yes (X) No ( )
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	Yes (X) No ( )
D	Does the laboratory report comply with all the reporting requirements specified in the CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No ( )
E	a VPH, EPH, APH and TO-15 only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	Yes (X) No ( )
	b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	Yes ( ) No ( )
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	Yes (X) No ( )

Responses to Questions G, H and I below are required for Presumptive Certainty'status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocols(s)?	Yes (X) No ( )*
	***Data User Note:** Data that achieve Presumptive Certainty'status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.*	
H	Were **all** QC performance standards specified in the CAM protocol(s) achieved?	Yes ( ) No (X)*
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	Yes ( ) No (X)*

All negative responses must be addressed in an attached laboratory narrative.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: _____ Date: November 17, 2015

Printed Name: Laurel Stoddard Position: Laboratory Director

ESS Laboratory
Division of Thielsch Engineering, Inc.

BAL Laboratory
The Microbiology Division
of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 2
Date Sampled: 11/10/15 10:30
Percent Solids: 76

ESS Laboratory Work Order: 1511225
ESS Laboratory Sample ID: 1511225-01
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Antimony	**100** (6.15)		6010C		1	KJK	11/11/15 18:54	2.13	100	CK51109
Arsenic	**1270** (3.08)		6010C		1	KJK	11/11/15 18:54	2.13	100	CK51109
Barium	**113** (3.08)		6010C		1	KJK	11/11/15 18:54	2.13	100	CK51109
Beryllium	**0.29** (0.14)		6010C		1	KJK	11/11/15 18:54	2.13	100	CK51109
Cadmium	**11.5** (0.62)		6010C		1	KJK	11/11/15 18:54	2.13	100	CK51109
Chromium	**10.6** (1.23)		6010C		1	KJK	11/11/15 18:54	2.13	100	CK51109
Lead	**2710** (6.15)		6010C		1	KJK	11/11/15 18:54	2.13	100	CK51109
Mercury	**38.4** (4.12)		7471B		100	JC	11/11/15 17:27	0.63	40	CK51110
Nickel	**19.5** (3.08)		6010C		1	KJK	11/11/15 18:54	2.13	100	CK51109
Selenium	**32.8** (15.4)		7010		25	KJK	11/13/15 4:24	2.13	100	CK51109
Silver	**4.61** (0.62)		6010C		1	KJK	11/11/15 18:54	2.13	100	CK51109
Thallium	ND (1.54)		7010		5	KJK	11/12/15 23:58	2.13	100	CK51109
Vanadium	**37.0** (1.23)		6010C		1	KJK	11/11/15 18:54	2.13	100	CK51109
Zinc	**1050** (3.08)		6010C		1	KJK	11/11/15 18:54	2.13	100	CK51109

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
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Client Sample ID: UST Contents 2
Date Sampled: 11/10/15 10:30
Percent Solids: 76

ESS Laboratory Work Order: 1511225
ESS Laboratory Sample ID: 1511225-01
Sample Matrix: Soil
Units: mg/L

Extraction Method: 3005A TCLP

TCLP Extraction Date: 11/13/15 14:19

1311 TCLP Metals

Analyte	Results (MRL)	MDL	Method	TCLP Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**0.860** (0.050)		1311/6010C		1	KJK	11/14/15 0:06	50	50	CK51328
Lead	**1.19** (0.050)		1311/6010C		1	KJK	11/14/15 0:06	50	50	CK51328
Mercury	ND (0.00050)		1311/7470A		1	PJP	11/16/15 12:54	20	40	CK51329
Selenium	ND (0.050)		1311/6010C		1	KJK	11/14/15 0:06	50	50	CK51328

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CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 2
Date Sampled: 11/10/15 10:30
Percent Solids: 76
Initial Volume: 8.7
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 1511225
ESS Laboratory Sample ID: 1511225-01
Sample Matrix: Soil
Units: mg/kg dry
Analyst: MEK

5035/8260B Volatile Organic Compounds / Low Level

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,1,1-Trichloroethane	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,1,2,2-Tetrachloroethane	ND (0.0015)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,1,2-Trichloroethane	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,1-Dichloroethane	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,1-Dichloroethene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,1-Dichloropropene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,2,3-Trichlorobenzene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,2,3-Trichloropropane	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,2,4-Trichlorobenzene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,2,4-Trimethylbenzene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,2-Dibromo-3-Chloropropane	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,2-Dibromoethane	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,2-Dichlorobenzene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,2-Dichloroethane	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,2-Dichloropropane	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,3,5-Trimethylbenzene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,3-Dichlorobenzene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,3-Dichloropropane	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,4-Dichlorobenzene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
1,4-Dioxane	ND (0.0753)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
2,2-Dichloropropane	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
2-Butanone	ND (0.0075)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
2-Chlorotoluene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
2-Hexanone	ND (0.0075)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
4-Chlorotoluene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
4-Isopropyltoluene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
4-Methyl-2-Pentanone	ND (0.0075)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Acetone	**0.0670** (0.0075)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Benzene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Bromobenzene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Bromochloromethane	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 2
Date Sampled: 11/10/15 10:30
Percent Solids: 76
Initial Volume: 8.7
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 1511225
ESS Laboratory Sample ID: 1511225-01
Sample Matrix: Soil
Units: mg/kg dry
Analyst: MEK

5035/8260B Volatile Organic Compounds / Low Level

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Bromoform	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Bromomethane	ND (0.0075)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Carbon Disulfide	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Carbon Tetrachloride	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Chlorobenzene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Chloroethane	ND (0.0075)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Chloroform	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Chloromethane	ND (0.0075)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
cis-1,2-Dichloroethene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
cis-1,3-Dichloropropene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Dibromochloromethane	ND (0.0015)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Dibromomethane	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Dichlorodifluoromethane	ND (0.0075)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Diethyl Ether	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Di-isopropyl ether	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Ethyl tertiary-butyl ether	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Ethylbenzene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Hexachlorobutadiene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Isopropylbenzene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Methyl tert-Butyl Ether	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Methylene Chloride	ND (0.0075)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Naphthalene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
n-Butylbenzene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
n-Propylbenzene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
sec-Butylbenzene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Styrene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
tert-Butylbenzene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Tertiary-amyl methyl ether	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Tetrachloroethene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Tetrahydrofuran	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Toluene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212

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CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 2
Date Sampled: 11/10/15 10:30
Percent Solids: 76
Initial Volume: 8.7
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 1511225
ESS Laboratory Sample ID: 1511225-01
Sample Matrix: Soil
Units: mg/kg dry
Analyst: MEK

5035/8260B Volatile Organic Compounds / Low Level

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
trans-1,3-Dichloropropene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Trichloroethene	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Trichlorofluoromethane	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Vinyl Chloride	ND (0.0075)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Xylene O	ND (0.0038)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Xylene P,M	ND (0.0075)		8260B Low		1	11/12/15 0:54	CYK0174	CK51212
Xylenes (Total)	ND (0.0075)		8260B Low		1	11/12/15 0:54		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*109 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*84 %*		*70-130*
Surrogate: Dibromofluoromethane	*98 %*		*70-130*
Surrogate: Toluene-d8	*94 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 2
Date Sampled: 11/10/15 10:30
Percent Solids: 76
Initial Volume: 10.2
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 1511225
ESS Laboratory Sample ID: 1511225-01
Sample Matrix: Soil
Units: mg/kg dry
Analyst: DPS
Prepared: 11/11/15 15:46

8100M Total Petroleum Hydrocarbons

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Total Petroleum Hydrocarbons	**10600** (128)		8100M		5	11/11/15 18:09	CYK0167	CK51114
		%Recovery	Qualifier	Limits				
Surrogate: O-Terphenyl		*106 %*		*40-140*				

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CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 2
Date Sampled: 11/10/15 10:30
Percent Solids: 76
Initial Volume: 14.5
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 1511225
ESS Laboratory Sample ID: 1511225-01
Sample Matrix: Soil
Units: mg/kg dry
Analyst: IBM
Prepared: 11/11/15 16:13

8270D Semi-Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
1,2,4-Trichlorobenzene	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
1,2-Dichlorobenzene	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
1,3-Dichlorobenzene	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
1,4-Dichlorobenzene	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
2,4,5-Trichlorophenol	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
2,4,6-Trichlorophenol	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
2,4-Dichlorophenol	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
2,4-Dimethylphenol	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
2,4-Dinitrophenol	ND (4.53)		8270D		1	11/11/15 22:47	CYK0171	CK51115
2,4-Dinitrotoluene	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
2,6-Dinitrotoluene	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
2-Chloronaphthalene	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
2-Chlorophenol	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
2-Methylnaphthalene	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
2-Methylphenol	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
2-Nitrophenol	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
3,3'-Dichlorobenzidine	ND (1.81)		8270D		1	11/11/15 22:47	CYK0171	CK51115
3+4-Methylphenol	ND (1.81)		8270D		1	11/11/15 22:47	CYK0171	CK51115
4-Bromophenyl-phenylether	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
4-Chloroaniline	ND (1.81)		8270D		1	11/11/15 22:47	CYK0171	CK51115
4-Nitrophenol	ND (4.53)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Acenaphthene	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Acenaphthylene	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Acetophenone	ND (1.81)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Aniline	ND (4.53)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Anthracene	**1.15** (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Azobenzene	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Benzo(a)anthracene	**3.53** (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Benzo(a)pyrene	**3.47** (0.453)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Benzo(b)fluoranthene	**5.02** (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Benzo(g,h,i)perylene	**1.60** (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Benzo(k)fluoranthene	**1.60** (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 2
Date Sampled: 11/10/15 10:30
Percent Solids: 76
Initial Volume: 14.5
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 1511225
ESS Laboratory Sample ID: 1511225-01
Sample Matrix: Soil
Units: mg/kg dry
Analyst: IBM
Prepared: 11/11/15 16:13

8270D Semi-Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
bis(2-Chloroethoxy)methane	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
bis(2-Chloroethyl)ether	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
bis(2-chloroisopropyl)Ether	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
bis(2-Ethylhexyl)phthalate	**1.61** (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Butylbenzylphthalate	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Chrysene	**4.82** (0.453)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Dibenzo(a,h)Anthracene	ND (0.453)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Dibenzofuran	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Diethylphthalate	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Dimethylphthalate	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Di-n-butylphthalate	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Di-n-octylphthalate	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Fluoranthene	**8.41** (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Fluorene	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Hexachlorobenzene	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Hexachlorobutadiene	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Hexachloroethane	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Indeno(1,2,3-cd)Pyrene	**1.31** (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Isophorone	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Naphthalene	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Nitrobenzene	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
N-Nitrosodimethylamine	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Pentachlorophenol	ND (4.53)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Phenanthrene	**4.09** (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Phenol	ND (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115
Pyrene	**9.71** (0.903)		8270D		1	11/11/15 22:47	CYK0171	CK51115

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichlorobenzene-d4	*54 %*		*30-130*
Surrogate: 2,4,6-Tribromophenol	*87 %*		*30-130*
Surrogate: 2-Chlorophenol-d4	*59 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*65 %*		*30-130*

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CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 2
Date Sampled: 11/10/15 10:30
Percent Solids: 76
Initial Volume: 14.5
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 1511225
ESS Laboratory Sample ID: 1511225-01
Sample Matrix: Soil
Units: mg/kg dry
Analyst: IBM
Prepared: 11/11/15 16:13

8270D Semi-Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Surrogate: 2-Fluorophenol		*52 %*		*30-130*				
Surrogate: Nitrobenzene-d5		*52 %*		*30-130*				
Surrogate: Phenol-d6		*64 %*		*30-130*				
Surrogate: p-Terphenyl-d14		*92 %*		*30-130*				

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 2
Date Sampled: 11/10/15 10:30
Percent Solids: 76

ESS Laboratory Work Order: 1511225
ESS Laboratory Sample ID: 1511225-01
Sample Matrix: Soil

Classical Chemistry

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	Units	Batch
Conductivity	**WL 1000** (5)		9050A		1	MJV	11/14/15 13:01	umhos/cm	CK51406
Corrosivity (pH)	**7.41** (N/A)		9045		1	JLK	03/11/15 9:38	S.U.	CK51105
Corrosivity (pH) Sample Temp	**Soil pH measured in water at 15.7 °C.**								
Flashpoint	**> 200** (N/A)		1010		1	JLK	11/14/15 12:44	°F	CK51404
Reactive Cyanide	ND (2.0)		7.3.3.2		1	MJV	11/14/15 9:30	mg/kg	CK51410
Reactive Sulfide	ND (2.0)		7.3.4.1		1	MJV	11/14/15 9:30	mg/kg	CK51410

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP
Client Sample ID: UST Contents 2
Date Sampled: 11/10/15 10:30
Percent Solids: 76
Initial Volume: 100
Final Volume: 2000
Extraction Method: 1311

ESS Laboratory Work Order: 1511225
ESS Laboratory Sample ID: 1511225-01
Sample Matrix: Soil
Units: °C
Analyst: NAR
Prepared: 11/12/15 16:21

TCLP Extraction by 1311

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	Batch
Temperature (Min C)	**22.0** (N/A)		1311		1	NAR	11/13/15 10:17	CK51237
Temperature (Max C)	**23.0** (N/A)		1311		1	NAR	11/13/15 10:17	CK51237
Temperature (Range)	**Temperature is within 23 +/-2 °C.** (N/A)							

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511225

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Total Metals										
Batch CK51109 - 3050B										
Blank										
Antimony	ND	5.00	mg/kg wet							
Arsenic	ND	2.50	mg/kg wet							
Barium	ND	2.50	mg/kg wet							
Beryllium	ND	0.11	mg/kg wet							
Cadmium	ND	0.50	mg/kg wet							
Chromium	ND	1.00	mg/kg wet							
Lead	ND	5.00	mg/kg wet							
Nickel	ND	2.50	mg/kg wet							
Selenium	ND	0.50	mg/kg wet							
Silver	ND	0.50	mg/kg wet							
Thallium	ND	0.25	mg/kg wet							
Vanadium	ND	1.00	mg/kg wet							
Zinc	ND	2.50	mg/kg wet							
LCS										
Antimony	113	16.4	mg/kg wet	106.0		106	80-120			
Arsenic	48.2	8.20	mg/kg wet	52.30		92	80-120			
Barium	141	8.20	mg/kg wet	145.0		97	80-120			
Beryllium	33.4	0.36	mg/kg wet	37.30		90	80-120			
Cadmium	56.0	1.64	mg/kg wet	71.60		78	73-127			
Chromium	77.3	3.28	mg/kg wet	88.50		87	80-120			
Nickel	69.8	8.20	mg/kg wet	87.10		80	74-126			
Selenium	81.4	32.8	mg/kg wet	81.10		100	64-136			
Silver	115	1.64	mg/kg wet	114.0		101	80-120			
Thallium	62.3	16.4	mg/kg wet	65.30		95	80-120			
Vanadium	84.3	3.28	mg/kg wet	82.10		103	80-120			
Zinc	106	8.20	mg/kg wet	136.0		78	70-130			
LCS										
Lead	112	16.4	mg/kg wet	133.0		84	80-120			
LCS Dup										
Antimony	107	15.6	mg/kg wet	106.0		101	80-120	5	20	
Arsenic	48.3	7.81	mg/kg wet	52.30		92	80-120	0.3	20	
Barium	133	7.81	mg/kg wet	145.0		92	80-120	6	20	
Beryllium	31.7	0.34	mg/kg wet	37.30		85	80-120	5	20	
Cadmium	53.9	1.56	mg/kg wet	71.60		75	73-127	4	20	
Chromium	75.2	3.12	mg/kg wet	88.50		85	80-120	3	20	
Nickel	66.5	7.81	mg/kg wet	87.10		76	74-126	5	20	
Selenium	103	31.2	mg/kg wet	81.10		127	64-136	23	20	D+
Silver	112	1.56	mg/kg wet	114.0		98	80-120	2	20	
Thallium	61.2	15.6	mg/kg wet	65.30		94	80-120	2	20	
Vanadium	80.0	3.12	mg/kg wet	82.10		97	80-130	5	20	
Zinc	101	7.81	mg/kg wet	136.0		75	70-130	4	20	
LCS Dup										
Lead	116	16.1	mg/kg wet	133.0		87	80-120	4	20	

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CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511225

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Total Metals										
Batch CK51109 - 3050B										
Reference										
Lead	3800	40.0	mg/kg wet	4490		85	83-113			
Batch CK51110 - 7471A										
Blank										
Mercury	ND	0.033	mg/kg wet							
LCS										
Mercury	9.59	1.62	mg/kg wet	9.700		99	80-120			
LCS Dup										
Mercury	10.7	1.55	mg/kg wet	9.700		110	80-120	11	20	
1311 TCLP Metals										
Batch CK51328 - 3005A_TCLP										
Blank										
Arsenic	ND	0.050	mg/L							
Lead	ND	0.050	mg/L							
Selenium	ND	0.050	mg/L							
LCS										
Arsenic	0.533	0.050	mg/L	0.5000		107	80-120			
Lead	0.480	0.050	mg/L	0.5000		96	80-120			
Selenium	1.00	0.050	mg/L	1.000		100	80-120			
LCS Dup										
Arsenic	0.550	0.050	mg/L	0.5000		110	80-120	3	20	
Lead	0.495	0.050	mg/L	0.5000		99	80-120	3	20	
Selenium	1.02	0.050	mg/L	1.000		102	80-120	2	20	
Batch CK51329 - 245.1/7470A										
Blank										
Mercury	ND	0.00050	mg/L							
LCS										
Mercury	0.00582	0.00050	mg/L	0.006000		97	80-120			
LCS Dup										
Mercury	0.00586	0.00050	mg/L	0.006000		98	80-120	0.7	20	
5035/8260B Volatile Organic Compounds / Low Level										
Batch CK51212 - 5035										
Blank										
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet							
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0020	mg/kg wet							
1,1,2-Trichloroethane	ND	0.0050	mg/kg wet							
1,1-Dichloroethane	ND	0.0050	mg/kg wet							
1,1-Dichloroethene	ND	0.0050	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511225

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Low Level										
Batch CK51212 - 5035										
1,1-Dichloropropene	ND	0.0050	mg/kg wet							
1,2,3-Trichlorobenzene	ND	0.0050	mg/kg wet							
1,2,3-Trichloropropane	ND	0.0050	mg/kg wet							
1,2,4-Trichlorobenzene	ND	0.0050	mg/kg wet							
1,2,4-Trimethylbenzene	ND	0.0050	mg/kg wet							
1,2-Dibromo-3-Chloropropane	ND	0.0050	mg/kg wet							
1,2-Dibromoethane	ND	0.0050	mg/kg wet							
1,2-Dichlorobenzene	ND	0.0050	mg/kg wet							
1,2-Dichloroethane	ND	0.0050	mg/kg wet							
1,2-Dichloropropane	ND	0.0050	mg/kg wet							
1,3,5-Trimethylbenzene	ND	0.0050	mg/kg wet							
1,3-Dichlorobenzene	ND	0.0050	mg/kg wet							
1,3-Dichloropropane	ND	0.0050	mg/kg wet							
1,4-Dichlorobenzene	ND	0.0050	mg/kg wet							
1,4-Dioxane	ND	0.100	mg/kg wet							
2,2-Dichloropropane	ND	0.0050	mg/kg wet							
2-Butanone	ND	0.0100	mg/kg wet							
2-Chlorotoluene	ND	0.0050	mg/kg wet							
2-Hexanone	ND	0.0100	mg/kg wet							
4-Chlorotoluene	ND	0.0050	mg/kg wet							
4-Isopropyltoluene	ND	0.0050	mg/kg wet							
4-Methyl-2-Pentanone	ND	0.0100	mg/kg wet							
Acetone	ND	0.0100	mg/kg wet							
Benzene	ND	0.0050	mg/kg wet							
Bromobenzene	ND	0.0050	mg/kg wet							
Bromochloromethane	ND	0.0050	mg/kg wet							
Bromodichloromethane	ND	0.0050	mg/kg wet							
Bromoform	ND	0.0050	mg/kg wet							
Bromomethane	ND	0.0100	mg/kg wet							
Carbon Disulfide	ND	0.0050	mg/kg wet							
Carbon Tetrachloride	ND	0.0050	mg/kg wet							
Chlorobenzene	ND	0.0050	mg/kg wet							
Chloroethane	ND	0.0100	mg/kg wet							
Chloroform	ND	0.0050	mg/kg wet							
Chloromethane	ND	0.0100	mg/kg wet							
cis-1,2-Dichloroethene	ND	0.0050	mg/kg wet							
cis-1,3-Dichloropropene	ND	0.0050	mg/kg wet							
Dibromochloromethane	ND	0.0020	mg/kg wet							
Dibromomethane	ND	0.0050	mg/kg wet							
Dichlorodifluoromethane	ND	0.0100	mg/kg wet							
Diethyl Ether	ND	0.0050	mg/kg wet							
Di-isopropyl ether	ND	0.0050	mg/kg wet							
Ethyl tertiary-butyl ether	ND	0.0050	mg/kg wet							
Ethylbenzene	ND	0.0050	mg/kg wet							
Hexachlorobutadiene	ND	0.0050	mg/kg wet							

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CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511225

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Low Level										
Batch CK51212 - 5035										
Isopropylbenzene	ND	0.0050	mg/kg wet							
Methyl tert-Butyl Ether	ND	0.0050	mg/kg wet							
Methylene Chloride	ND	0.0100	mg/kg wet							
Naphthalene	ND	0.0050	mg/kg wet							
n-Butylbenzene	ND	0.0050	mg/kg wet							
n-Propylbenzene	ND	0.0050	mg/kg wet							
sec-Butylbenzene	ND	0.0050	mg/kg wet							
Styrene	ND	0.0050	mg/kg wet							
tert-Butylbenzene	ND	0.0050	mg/kg wet							
Tertiary-amyl methyl ether	ND	0.0050	mg/kg wet							
Tetrachloroethene	ND	0.0050	mg/kg wet							
Tetrahydrofuran	ND	0.0050	mg/kg wet							
Toluene	ND	0.0050	mg/kg wet							
trans-1,2-Dichloroethene	ND	0.0050	mg/kg wet							
trans-1,3-Dichloropropene	ND	0.0050	mg/kg wet							
Trichloroethene	ND	0.0050	mg/kg wet							
Trichlorofluoromethane	ND	0.0050	mg/kg wet							
Vinyl Chloride	ND	0.0100	mg/kg wet							
Xylene O	ND	0.0050	mg/kg wet							
Xylene P,M	ND	0.0100	mg/kg wet							
Xylenes (Total)	ND	0.0100	mg/kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0497*		mg/kg wet	*0.05000*		*99*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0459*		mg/kg wet	*0.05000*		*92*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0464*		mg/kg wet	*0.05000*		*93*	*70-130*			
Surrogate: Toluene-d8	*0.0446*		mg/kg wet	*0.05000*		*89*	*70-130*			
LCS										
1,1,1,2-Tetrachloroethane	0.0446	0.0050	mg/kg wet	0.05000		89	70-130			
1,1,1-Trichloroethane	0.0471	0.0050	mg/kg wet	0.05000		94	70-130			
1,1,2,2-Tetrachloroethane	0.0500	0.0020	mg/kg wet	0.05000		100	70-130			
1,1,2-Trichloroethane	0.0442	0.0050	mg/kg wet	0.05000		88	70-130			
1,1-Dichloroethane	0.0512	0.0050	mg/kg wet	0.05000		102	70-130			
1,1-Dichloroethene	0.0536	0.0050	mg/kg wet	0.05000		107	70-130			
1,1-Dichloropropene	0.0460	0.0050	mg/kg wet	0.05000		92	70-130			
1,2,3-Trichlorobenzene	0.0456	0.0050	mg/kg wet	0.05000		91	70-130			
1,2,3-Trichloropropane	0.0437	0.0050	mg/kg wet	0.05000		87	70-130			
1,2,4-Trichlorobenzene	0.0463	0.0050	mg/kg wet	0.05000		93	70-130			
1,2,4-Trimethylbenzene	0.0447	0.0050	mg/kg wet	0.05000		89	70-130			
1,2-Dibromo-3-Chloropropane	0.0511	0.0050	mg/kg wet	0.05000		102	70-130			
1,2-Dibromoethane	0.0446	0.0050	mg/kg wet	0.05000		89	70-130			
1,2-Dichlorobenzene	0.0445	0.0050	mg/kg wet	0.05000		89	70-130			
1,2-Dichloroethane	0.0497	0.0050	mg/kg wet	0.05000		99	70-130			
1,2-Dichloropropane	0.0450	0.0050	mg/kg wet	0.05000		90	70-130			
1,3,5-Trimethylbenzene	0.0460	0.0050	mg/kg wet	0.05000		92	70-130			
1,3-Dichlorobenzene	0.0507	0.0050	mg/kg wet	0.05000		101	70-130			
1,3-Dichloropropane	0.0447	0.0050	mg/kg wet	0.05000		89	70-130			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511225

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Low Level										
Batch CK51212 - 5035										
1,4-Dichlorobenzene	0.0493	0.0050	mg/kg wet	0.05000		99	70-130			
1,4-Dioxane	0.984	0.100	mg/kg wet	1.000		98	70-130			
2,2-Dichloropropane	0.0472	0.0050	mg/kg wet	0.05000		94	70-130			
2-Butanone	0.233	0.0100	mg/kg wet	0.2500		93	70-130			
2-Chlorotoluene	0.0504	0.0050	mg/kg wet	0.05000		101	70-130			
2-Hexanone	0.254	0.0100	mg/kg wet	0.2500		102	70-130			
4-Chlorotoluene	0.0506	0.0050	mg/kg wet	0.05000		101	70-130			
4-Isopropyltoluene	0.0446	0.0050	mg/kg wet	0.05000		90	70-130			
4-Methyl-2-Pentanone	0.226	0.0100	mg/kg wet	0.2500		90	70-130			
Acetone	0.365	0.0100	mg/kg wet	0.2500		146	70-130			8+
Benzene	0.0509	0.0050	mg/kg wet	0.05000		102	70-130			
Bromobenzene	0.0450	0.0050	mg/kg wet	0.05000		90	70-130			
Bromochloromethane	0.0455	0.0050	mg/kg wet	0.05000		91	70-130			
Bromodichloromethane	0.0488	0.0050	mg/kg wet	0.05000		98	70-130			
Bromoform	0.0471	0.0050	mg/kg wet	0.05000		94	70-130			
Bromomethane	0.0477	0.0100	mg/kg wet	0.05000		95	70-130			
Carbon Disulfide	0.0536	0.0050	mg/kg wet	0.05000		107	70-130			
Carbon Tetrachloride	0.0483	0.0050	mg/kg wet	0.05000		97	70-130			
Chlorobenzene	0.0438	0.0050	mg/kg wet	0.05000		88	70-130			
Chloroethane	0.0479	0.0100	mg/kg wet	0.05000		96	70-130			
Chloroform	0.0498	0.0050	mg/kg wet	0.05000		100	70-130			
Chloromethane	0.0473	0.0100	mg/kg wet	0.05000		95	70-130			
cis-1,2-Dichloroethene	0.0526	0.0050	mg/kg wet	0.05000		105	70-130			
cis-1,3-Dichloropropene	0.0456	0.0050	mg/kg wet	0.05000		91	70-130			
Dibromochloromethane	0.0499	0.0020	mg/kg wet	0.05000		100	70-130			
Dibromomethane	0.0505	0.0050	mg/kg wet	0.05000		101	70-130			
Dichlorodifluoromethane	0.0476	0.0100	mg/kg wet	0.05000		95	70-130			
Diethyl Ether	0.0504	0.0050	mg/kg wet	0.05000		101	70-130			
Di-isopropyl ether	0.0455	0.0050	mg/kg wet	0.05000		91	70-130			
Ethyl tertiary-butyl ether	0.0459	0.0050	mg/kg wet	0.05000		92	70-130			
Ethylbenzene	0.0447	0.0050	mg/kg wet	0.05000		89	70-130			
Hexachlorobutadiene	0.0466	0.0050	mg/kg wet	0.05000		93	70-130			
Isopropylbenzene	0.0505	0.0050	mg/kg wet	0.05000		101	70-130			
Methyl tert-Butyl Ether	0.0452	0.0050	mg/kg wet	0.05000		90	70-130			
Methylene Chloride	0.0542	0.0100	mg/kg wet	0.05000		108	70-130			
Naphthalene	0.0425	0.0050	mg/kg wet	0.05000		85	70-130			
n-Butylbenzene	0.0455	0.0050	mg/kg wet	0.05000		91	70-130			
n-Propylbenzene	0.0499	0.0050	mg/kg wet	0.05000		100	70-130			
sec-Butylbenzene	0.0456	0.0050	mg/kg wet	0.05000		91	70-130			
Styrene	0.0446	0.0050	mg/kg wet	0.05000		90	70-130			
tert-Butylbenzene	0.0502	0.0050	mg/kg wet	0.05000		100	70-130			
Tertiary-amyl methyl ether	0.0471	0.0050	mg/kg wet	0.05000		94	70-130			
Tetrachloroethene	0.0413	0.0050	mg/kg wet	0.05000		83	70-130			
Tetrahydrofuran	0.0462	0.0050	mg/kg wet	0.05000		92	70-130			
Toluene	0.0484	0.0050	mg/kg wet	0.05000		97	70-130			

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CERTIFICATE OF ANALYSIS

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Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511225

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Low Level										
Batch CK51212 - 5035										
trans-1,2-Dichloroethene	0.0540	0.0050	mg/kg wet	0.05000		108	70-130			
trans-1,3-Dichloropropene	0.0441	0.0050	mg/kg wet	0.05000		88	70-130			
Trichloroethene	0.0504	0.0050	mg/kg wet	0.05000		101	70-130			
Trichlorofluoromethane	0.0487	0.0050	mg/kg wet	0.05000		97	70-130			
Vinyl Chloride	0.0517	0.0100	mg/kg wet	0.05000		103	70-130			
Xylene O	0.0429	0.0050	mg/kg wet	0.05000		86	70-130			
Xylene P,M	0.0883	0.0100	mg/kg wet	0.1000		88	70-130			
Xylenes (Total)	0.131	0.0100	mg/kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0477*		mg/kg wet	*0.05000*		*95*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0446*		mg/kg wet	*0.05000*		*89*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0449*		mg/kg wet	*0.05000*		*90*	*70-130*			
Surrogate: Toluene-d8	*0.0450*		mg/kg wet	*0.05000*		*90*	*70-130*			
LCS Dup										
1,1,1,2-Tetrachloroethane	0.0455	0.0050	mg/kg wet	0.05000		91	70-130	2	25	
1,1,1-Trichloroethane	0.0463	0.0050	mg/kg wet	0.05000		93	70-130	2	25	
1,1,2,2-Tetrachloroethane	0.0497	0.0020	mg/kg wet	0.05000		99	70-130	0.6	25	
1,1,2-Trichloroethane	0.0436	0.0050	mg/kg wet	0.05000		87	70-130	1	25	
1,1-Dichloroethane	0.0506	0.0050	mg/kg wet	0.05000		101	70-130	1	25	
1,1-Dichloroethene	0.0524	0.0050	mg/kg wet	0.05000		105	70-130	2	25	
1,1-Dichloropropene	0.0453	0.0050	mg/kg wet	0.05000		91	70-130	1	25	
1,2,3-Trichlorobenzene	0.0458	0.0050	mg/kg wet	0.05000		92	70-130	0.5	25	
1,2,3-Trichloropropane	0.0424	0.0050	mg/kg wet	0.05000		85	70-130	3	25	
1,2,4-Trichlorobenzene	0.0462	0.0050	mg/kg wet	0.05000		92	70-130	0.1	25	
1,2,4-Trimethylbenzene	0.0450	0.0050	mg/kg wet	0.05000		90	70-130	0.6	25	
1,2-Dibromo-3-Chloropropane	0.0453	0.0050	mg/kg wet	0.05000		91	70-130	12	25	
1,2-Dibromoethane	0.0444	0.0050	mg/kg wet	0.05000		89	70-130	0.4	25	
1,2-Dichlorobenzene	0.0449	0.0050	mg/kg wet	0.05000		90	70-130	1	25	
1,2-Dichloroethane	0.0488	0.0050	mg/kg wet	0.05000		98	70-130	2	25	
1,2-Dichloropropane	0.0445	0.0050	mg/kg wet	0.05000		89	70-130	1	25	
1,3,5-Trimethylbenzene	0.0464	0.0050	mg/kg wet	0.05000		93	70-130	1	25	
1,3-Dichlorobenzene	0.0507	0.0050	mg/kg wet	0.05000		101	70-130	0.08	25	
1,3-Dichloropropane	0.0446	0.0050	mg/kg wet	0.05000		89	70-130	0.2	25	
1,4-Dichlorobenzene	0.0496	0.0050	mg/kg wet	0.05000		99	70-130	0.6	25	
1,4-Dioxane	0.973	0.100	mg/kg wet	1.000		97	70-130	1	20	
2,2-Dichloropropane	0.0465	0.0050	mg/kg wet	0.05000		93	70-130	1	25	
2-Butanone	0.212	0.0100	mg/kg wet	0.2500		85	70-130	9	25	
2-Chlorotoluene	0.0498	0.0050	mg/kg wet	0.05000		100	70-130	1	25	
2-Hexanone	0.223	0.0100	mg/kg wet	0.2500		89	70-130	13	25	
4-Chlorotoluene	0.0504	0.0050	mg/kg wet	0.05000		101	70-130	0.3	25	
4-Isopropyltoluene	0.0451	0.0050	mg/kg wet	0.05000		90	70-130	0.7	25	
4-Methyl-2-Pentanone	0.218	0.0100	mg/kg wet	0.2500		87	70-130	4	25	
Acetone	0.241	0.0100	mg/kg wet	0.2500		96	70-130	41	25	D+
Benzene	0.0495	0.0050	mg/kg wet	0.05000		99	70-130	3	25	
Bromobenzene	0.0457	0.0050	mg/kg wet	0.05000		91	70-130	2	25	
Bromochloromethane	0.0446	0.0050	mg/kg wet	0.05000		89	70-130	2	25	

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511225

Quality Control Data

5035/8260B Volatile Organic Compounds / Low Level

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch CK51212 - 5035										
Bromodichloromethane	0.0477	0.0050	mg/kg wet	0.05000		95	70-130	2	25	
Bromoform	0.0480	0.0050	mg/kg wet	0.05000		96	70-130	2	25	
Bromomethane	0.0440	0.0100	mg/kg wet	0.05000		88	70-130	8	25	
Carbon Disulfide	0.0528	0.0050	mg/kg wet	0.05000		106	70-130	1	25	
Carbon Tetrachloride	0.0481	0.0050	mg/kg wet	0.05000		96	70-130	0.3	25	
Chlorobenzene	0.0437	0.0050	mg/kg wet	0.05000		87	70-130	0.3	25	
Chloroethane	0.0466	0.0100	mg/kg wet	0.05000		93	70-130	3	25	
Chloroform	0.0497	0.0050	mg/kg wet	0.05000		99	70-130	0.2	25	
Chloromethane	0.0454	0.0100	mg/kg wet	0.05000		91	70-130	4	25	
cis-1,2-Dichloroethene	0.0521	0.0050	mg/kg wet	0.05000		104	70-130	1	25	
cis-1,3-Dichloropropene	0.0448	0.0050	mg/kg wet	0.05000		90	70-130	2	25	
Dibromochloromethane	0.0488	0.0020	mg/kg wet	0.05000		98	70-130	2	25	
Dibromomethane	0.0492	0.0050	mg/kg wet	0.05000		98	70-130	3	25	
Dichlorodifluoromethane	0.0466	0.0100	mg/kg wet	0.05000		93	70-130	2	25	
Diethyl Ether	0.0498	0.0050	mg/kg wet	0.05000		100	70-130	1	25	
Di-isopropyl ether	0.0451	0.0050	mg/kg wet	0.05000		90	70-130	1	25	
Ethyl tertiary-butyl ether	0.0453	0.0050	mg/kg wet	0.05000		91	70-130	1	25	
Ethylbenzene	0.0444	0.0050	mg/kg wet	0.05000		89	70-130	0.7	25	
Hexachlorobutadiene	0.0474	0.0050	mg/kg wet	0.05000		95	70-130	2	25	
Isopropylbenzene	0.0504	0.0050	mg/kg wet	0.05000		101	70-130	0.2	25	
Methyl tert-Butyl Ether	0.0446	0.0050	mg/kg wet	0.05000		89	70-130	1	25	
Methylene Chloride	0.0529	0.0100	mg/kg wet	0.05000		106	70-130	2	25	
Naphthalene	0.0424	0.0050	mg/kg wet	0.05000		85	70-130	0.3	25	
n-Butylbenzene	0.0455	0.0050	mg/kg wet	0.05000		91	70-130	0.2	25	
n-Propylbenzene	0.0500	0.0050	mg/kg wet	0.05000		100	70-130	0.2	25	
sec-Butylbenzene	0.0454	0.0050	mg/kg wet	0.05000		91	70-130	0.5	25	
Styrene	0.0446	0.0050	mg/kg wet	0.05000		89	70-130	0.3	25	
tert-Butylbenzene	0.0504	0.0050	mg/kg wet	0.05000		101	70-130	0.4	25	
Tertiary-amyl methyl ether	0.0468	0.0050	mg/kg wet	0.05000		94	70-130	0.7	25	
Tetrachloroethene	0.0413	0.0050	mg/kg wet	0.05000		83	70-130	0	25	
Tetrahydrofuran	0.0427	0.0050	mg/kg wet	0.05000		85	70-130	8	25	
Toluene	0.0481	0.0050	mg/kg wet	0.05000		96	70-130	0.6	25	
trans-1,2-Dichloroethene	0.0534	0.0050	mg/kg wet	0.05000		107	70-130	1	25	
trans-1,3-Dichloropropene	0.0432	0.0050	mg/kg wet	0.05000		86	70-130	2	25	
Trichloroethene	0.0495	0.0050	mg/kg wet	0.05000		99	70-130	2	25	
Trichlorofluoromethane	0.0479	0.0050	mg/kg wet	0.05000		96	70-130	2	25	
Vinyl Chloride	0.0494	0.0100	mg/kg wet	0.05000		99	70-130	4	25	
Xylene O	0.0431	0.0050	mg/kg wet	0.05000		86	70-130	0.5	25	
Xylene P,M	0.0882	0.0100	mg/kg wet	0.1000		88	70-130	0.2	25	
Xylenes (Total)	0.131	0.0100	mg/kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0469*		mg/kg wet	*0.05000*		*94*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0447*		mg/kg wet	*0.05000*		*89*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0451*		mg/kg wet	*0.05000*		*90*	*70-130*			
Surrogate: Toluene-d8	*0.0446*		mg/kg wet	*0.05000*		*89*	*70-130*			

ESS Laboratory
Division of Thielsch Engineering, Inc.

BAL Laboratory
The Microbiology Division
of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511225

Quality Control Data

8100M Total Petroleum Hydrocarbons

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch CK51114 - 3546										
Blank										
Decane (C10)	ND	0.2	mg/kg wet							
Docosane (C22)	ND	0.2	mg/kg wet							
Dodecane (C12)	ND	0.2	mg/kg wet							
Eicosane (C20)	ND	0.2	mg/kg wet							
Hexacosane (C26)	ND	0.2	mg/kg wet							
Hexadecane (C16)	ND	0.2	mg/kg wet							
Hexatriacontane (C36)	ND	0.2	mg/kg wet							
Nonadecane (C19)	ND	0.2	mg/kg wet							
Nonane (C9)	ND	0.2	mg/kg wet							
Octacosane (C28)	ND	0.2	mg/kg wet							
Octadecane (C18)	ND	0.2	mg/kg wet							
Tetracosane (C24)	ND	0.2	mg/kg wet							
Tetradecane (C14)	ND	0.2	mg/kg wet							
Total Petroleum Hydrocarbons	ND	10.0	mg/kg wet							
Triacontane (C30)	ND	0.2	mg/kg wet							
Surrogate: O-Terphenyl	*4.47*		mg/kg wet	*5.000*		*89*	*40-140*			
LCS										
Decane (C10)	1.8	0.2	mg/kg wet	2.500		74	40-140			
Docosane (C22)	2.3	0.2	mg/kg wet	2.500		91	40-140			
Dodecane (C12)	2.0	0.2	mg/kg wet	2.500		81	40-140			
Eicosane (C20)	2.3	0.2	mg/kg wet	2.500		91	40-140			
Hexacosane (C26)	2.3	0.2	mg/kg wet	2.500		93	40-140			
Hexadecane (C16)	2.2	0.2	mg/kg wet	2.500		88	40-140			
Hexatriacontane (C36)	2.7	0.2	mg/kg wet	2.500		108	40-140			
Nonadecane (C19)	2.3	0.2	mg/kg wet	2.500		93	40-140			
Nonane (C9)	1.6	0.2	mg/kg wet	2.500		63	30-140			
Octacosane (C28)	2.3	0.2	mg/kg wet	2.500		92	40-140			
Octadecane (C18)	2.3	0.2	mg/kg wet	2.500		90	40-140			
Tetracosane (C24)	2.2	0.2	mg/kg wet	2.500		86	40-140			
Tetradecane (C14)	2.1	0.2	mg/kg wet	2.500		84	40-140			
Total Petroleum Hydrocarbons	31.3	10.0	mg/kg wet	35.00		90	40-140			
Triacontane (C30)	2.3	0.2	mg/kg wet	2.500		93	40-140			
Surrogate: O-Terphenyl	*2.06*		mg/kg wet	*5.000*		*41*	*40-140*			
LCS Dup										
Decane (C10)	2.2	0.2	mg/kg wet	2.500		88	40-140	17	25	
Docosane (C22)	2.6	0.2	mg/kg wet	2.500		105	40-140	14	25	
Dodecane (C12)	2.4	0.2	mg/kg wet	2.500		98	40-140	18	25	
Eicosane (C20)	2.6	0.2	mg/kg wet	2.500		105	40-140	15	25	
Hexacosane (C26)	2.7	0.2	mg/kg wet	2.500		108	40-140	14	25	
Hexadecane (C16)	2.6	0.2	mg/kg wet	2.500		103	40-140	16	25	
Hexatriacontane (C36)	3.2	0.2	mg/kg wet	2.500		126	40-140	15	25	
Nonadecane (C19)	2.7	0.2	mg/kg wet	2.500		108	40-140	15	25	

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511225

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8100M Total Petroleum Hydrocarbons										
Batch CK51114 - 3546										
Nonane (C9)	1.8	0.2	mg/kg wet	2.500		74	30-140	16	25	
Octacosane (C28)	2.7	0.2	mg/kg wet	2.500		106	40-140	14	25	
Octadecane (C18)	2.6	0.2	mg/kg wet	2.500		105	40-140	15	25	
Tetracosane (C24)	2.5	0.2	mg/kg wet	2.500		100	40-140	14	25	
Tetradecane (C14)	2.5	0.2	mg/kg wet	2.500		100	40-140	18	25	
Total Petroleum Hydrocarbons	33.9	10.0	mg/kg wet	35.00		97	40-140	8	25	
Triacontane (C30)	2.7	0.2	mg/kg wet	2.500		107	40-140	14	25	
Surrogate: O-Terphenyl	*5.22*		mg/kg wet	*5.000*		*104*	*40-140*			
8270D Semi-Volatile Organic Compounds										
Batch CK51115 - 3546										
Blank										
1,2,4-Trichlorobenzene	ND	0.333	mg/kg wet							
1,2-Dichlorobenzene	ND	0.333	mg/kg wet							
1,3-Dichlorobenzene	ND	0.333	mg/kg wet							
1,4-Dichlorobenzene	ND	0.333	mg/kg wet							
2,4,5-Trichlorophenol	ND	0.333	mg/kg wet							
2,4,6-Trichlorophenol	ND	0.333	mg/kg wet							
2,4-Dichlorophenol	ND	0.333	mg/kg wet							
2,4-Dimethylphenol	ND	0.333	mg/kg wet							
2,4-Dinitrophenol	ND	1.67	mg/kg wet							
2,4-Dinitrotoluene	ND	0.333	mg/kg wet							
2,6-Dinitrotoluene	ND	0.333	mg/kg wet							
2-Chloronaphthalene	ND	0.333	mg/kg wet							
2-Chlorophenol	ND	0.333	mg/kg wet							
2-Methylnaphthalene	ND	0.333	mg/kg wet							
2-Methylphenol	ND	0.333	mg/kg wet							
2-Nitrophenol	ND	0.333	mg/kg wet							
3,3'-Dichlorobenzidine	ND	0.667	mg/kg wet							
3+4-Methylphenol	ND	0.667	mg/kg wet							
4-Bromophenyl-phenylether	ND	0.333	mg/kg wet							
4-Chloroaniline	ND	0.667	mg/kg wet							
4-Nitrophenol	ND	1.67	mg/kg wet							
Acenaphthene	ND	0.333	mg/kg wet							
Acenaphthylene	ND	0.333	mg/kg wet							
Acetophenone	ND	0.667	mg/kg wet							
Aniline	ND	1.67	mg/kg wet							
Anthracene	ND	0.333	mg/kg wet							
Azobenzene	ND	0.333	mg/kg wet							
Benzo(a)anthracene	ND	0.333	mg/kg wet							
Benzo(a)pyrene	ND	0.167	mg/kg wet							
Benzo(b)fluoranthene	ND	0.333	mg/kg wet							
Benzo(g,h,i)perylene	ND	0.333	mg/kg wet							
Benzo(k)fluoranthene	ND	0.333	mg/kg wet							

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CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
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ESS Laboratory Work Order: 1511225

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270D Semi-Volatile Organic Compounds										
Batch CK51115 - 3546										
bis(2-Chloroethoxy)methane	ND	0.333	mg/kg wet							
bis(2-Chloroethyl)ether	ND	0.333	mg/kg wet							
bis(2-chloroisopropyl)Ether	ND	0.333	mg/kg wet							
bis(2-Ethylhexyl)phthalate	ND	0.333	mg/kg wet							
Butylbenzylphthalate	ND	0.333	mg/kg wet							
Chrysene	ND	0.167	mg/kg wet							
Dibenzo(a,h)Anthracene	ND	0.167	mg/kg wet							
Dibenzofuran	ND	0.333	mg/kg wet							
Diethylphthalate	ND	0.333	mg/kg wet							
Dimethylphthalate	ND	0.333	mg/kg wet							
Di-n-butylphthalate	ND	0.333	mg/kg wet							
Di-n-octylphthalate	ND	0.333	mg/kg wet							
Fluoranthene	ND	0.333	mg/kg wet							
Fluorene	ND	0.333	mg/kg wet							
Hexachlorobenzene	ND	0.333	mg/kg wet							
Hexachlorobutadiene	ND	0.333	mg/kg wet							
Hexachloroethane	ND	0.333	mg/kg wet							
Indeno(1,2,3-cd)Pyrene	ND	0.333	mg/kg wet							
Isophorone	ND	0.333	mg/kg wet							
Naphthalene	ND	0.333	mg/kg wet							
Nitrobenzene	ND	0.333	mg/kg wet							
N-Nitrosodimethylamine	ND	0.333	mg/kg wet							
Pentachlorophenol	ND	1.67	mg/kg wet							
Phenanthrene	ND	0.333	mg/kg wet							
Phenol	ND	0.333	mg/kg wet							
Pyrene	ND	0.333	mg/kg wet							
Surrogate: 1,2-Dichlorobenzene-d4	*2.43*		mg/kg wet	*3.333*		*73*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*3.99*		mg/kg wet	*5.000*		*80*	*30-130*			
Surrogate: 2-Chlorophenol-d4	*3.72*		mg/kg wet	*5.000*		*74*	*30-130*			
Surrogate: 2-Fluorobiphenyl	*2.39*		mg/kg wet	*3.333*		*72*	*30-130*			
Surrogate: 2-Fluorophenol	*3.62*		mg/kg wet	*5.000*		*72*	*30-130*			
Surrogate: Nitrobenzene-d5	*2.71*		mg/kg wet	*3.333*		*81*	*30-130*			
Surrogate: Phenol-d6	*3.91*		mg/kg wet	*5.000*		*78*	*30-130*			
Surrogate: p-Terphenyl-d14	*3.38*		mg/kg wet	*3.333*		*101*	*30-130*			
LCS										
1,2,4-Trichlorobenzene	2.40	0.333	mg/kg wet	3.333		72	40-140			
1,2-Dichlorobenzene	2.46	0.333	mg/kg wet	3.333		74	40-140			
1,3-Dichlorobenzene	2.43	0.333	mg/kg wet	3.333		73	40-140			
1,4-Dichlorobenzene	2.40	0.333	mg/kg wet	3.333		72	40-140			
2,4,5-Trichlorophenol	2.79	0.333	mg/kg wet	3.333		84	30-130			
2,4,6-Trichlorophenol	2.80	0.333	mg/kg wet	3.333		84	30-130			
2,4-Dichlorophenol	2.79	0.333	mg/kg wet	3.333		84	30-130			
2,4-Dimethylphenol	2.90	0.333	mg/kg wet	3.333		87	30-130			
2,4-Dinitrophenol	2.69	1.67	mg/kg wet	3.333		81	30-130			
2,4-Dinitrotoluene	2.81	0.333	mg/kg wet	3.333		84	40-140			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511225

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270D Semi-Volatile Organic Compounds										
Batch CK51115 - 3546										
2,6-Dinitrotoluene	2.56	0.333	mg/kg wet	3.333		77	40-140			
2-Chloronaphthalene	2.23	0.333	mg/kg wet	3.333		67	40-140			
2-Chlorophenol	2.58	0.333	mg/kg wet	3.333		77	30-130			
2-Methylnaphthalene	2.53	0.333	mg/kg wet	3.333		76	40-140			
2-Methylphenol	2.81	0.333	mg/kg wet	3.333		84	30-130			
2-Nitrophenol	2.89	0.333	mg/kg wet	3.333		87	30-130			
3,3'-Dichlorobenzidine	2.38	0.667	mg/kg wet	3.333		71	40-140			
3+4-Methylphenol	5.50	0.667	mg/kg wet	6.667		82	30-130			
4-Bromophenyl-phenylether	2.78	0.333	mg/kg wet	3.333		83	40-140			
4-Chloroaniline	2.22	0.667	mg/kg wet	3.333		67	40-140			
4-Nitrophenol	2.73	1.67	mg/kg wet	3.333		82	30-130			
Acenaphthene	2.58	0.333	mg/kg wet	3.333		77	40-140			
Acenaphthylene	2.52	0.333	mg/kg wet	3.333		76	40-140			
Acetophenone	2.74	0.667	mg/kg wet	3.333		82	40-140			
Aniline	2.11	1.67	mg/kg wet	3.333		63	40-140			
Anthracene	2.83	0.333	mg/kg wet	3.333		85	40-140			
Azobenzene	3.03	0.333	mg/kg wet	3.333		91	40-140			
Benzo(a)anthracene	2.86	0.333	mg/kg wet	3.333		86	40-140			
Benzo(a)pyrene	2.85	0.167	mg/kg wet	3.333		86	40-140			
Benzo(b)fluoranthene	2.87	0.333	mg/kg wet	3.333		86	40-140			
Benzo(g,h,i)perylene	2.70	0.333	mg/kg wet	3.333		81	40-140			
Benzo(k)fluoranthene	2.91	0.333	mg/kg wet	3.333		87	40-140			
bis(2-Chloroethoxy)methane	2.83	0.333	mg/kg wet	3.333		85	40-140			
bis(2-Chloroethyl)ether	2.75	0.333	mg/kg wet	3.333		82	40-140			
bis(2-chloroisopropyl)Ether	2.62	0.333	mg/kg wet	3.333		79	40-140			
bis(2-Ethylhexyl)phthalate	3.03	0.333	mg/kg wet	3.333		91	40-140			
Butylbenzylphthalate	3.04	0.333	mg/kg wet	3.333		91	40-140			
Chrysene	2.84	0.167	mg/kg wet	3.333		85	40-140			
Dibenzo(a,h)Anthracene	2.78	0.167	mg/kg wet	3.333		84	40-140			
Dibenzofuran	2.46	0.333	mg/kg wet	3.333		74	40-140			
Diethylphthalate	2.68	0.333	mg/kg wet	3.333		81	40-140			
Dimethylphthalate	2.64	0.333	mg/kg wet	3.333		79	40-140			
Di-n-butylphthalate	3.00	0.333	mg/kg wet	3.333		90	40-140			
Di-n-octylphthalate	3.14	0.333	mg/kg wet	3.333		94	40-140			
Fluoranthene	2.67	0.333	mg/kg wet	3.333		80	40-140			
Fluorene	2.63	0.333	mg/kg wet	3.333		79	40-140			
Hexachlorobenzene	2.62	0.333	mg/kg wet	3.333		79	40-140			
Hexachlorobutadiene	2.35	0.333	mg/kg wet	3.333		71	40-140			
Hexachloroethane	2.42	0.333	mg/kg wet	3.333		73	40-140			
Indeno(1,2,3-cd)Pyrene	2.76	0.333	mg/kg wet	3.333		83	40-140			
Isophorone	2.81	0.333	mg/kg wet	3.333		84	40-140			
Naphthalene	2.59	0.333	mg/kg wet	3.333		78	40-140			
Nitrobenzene	2.75	0.333	mg/kg wet	3.333		82	40-140			
N-Nitrosodimethylamine	2.08	0.333	mg/kg wet	3.333		62	40-140			
Pentachlorophenol	3.12	1.67	mg/kg wet	3.333		94	30-130			

ESS Laboratory
Division of Thielsch Engineering, Inc.

BAL Laboratory
The Microbiology Division
of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511225

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270D Semi-Volatile Organic Compounds										
Batch CK51115 - 3546										
Phenanthrene	2.78	0.333	mg/kg wet	3.333		83	40-140			
Phenol	2.58	0.333	mg/kg wet	3.333		77	30-130			
Pyrene	3.01	0.333	mg/kg wet	3.333		90	40-140			
Surrogate: 1,2-Dichlorobenzene-d4	*2.50*		mg/kg wet	*3.333*		*75*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*4.58*		mg/kg wet	*5.000*		*92*	*30-130*			
Surrogate: 2-Chlorophenol-d4	*3.87*		mg/kg wet	*5.000*		*77*	*30-130*			
Surrogate: 2-Fluorobiphenyl	*2.51*		mg/kg wet	*3.333*		*75*	*30-130*			
Surrogate: 2-Fluorophenol	*3.72*		mg/kg wet	*5.000*		*74*	*30-130*			
Surrogate: Nitrobenzene-d5	*2.79*		mg/kg wet	*3.333*		*84*	*30-130*			
Surrogate: Phenol-d6	*4.11*		mg/kg wet	*5.000*		*82*	*30-130*			
Surrogate: p-Terphenyl-d14	*3.10*		mg/kg wet	*3.333*		*93*	*30-130*			
LCS Dup										
1,2,4-Trichlorobenzene	2.49	0.333	mg/kg wet	3.333		75	40-140	4	30	
1,2-Dichlorobenzene	2.50	0.333	mg/kg wet	3.333		75	40-140	2	30	
1,3-Dichlorobenzene	2.47	0.333	mg/kg wet	3.333		74	40-140	1	30	
1,4-Dichlorobenzene	2.46	0.333	mg/kg wet	3.333		74	40-140	3	30	
2,4,5-Trichlorophenol	2.96	0.333	mg/kg wet	3.333		89	30-130	6	30	
2,4,6-Trichlorophenol	2.85	0.333	mg/kg wet	3.333		86	30-130	2	30	
2,4-Dichlorophenol	2.87	0.333	mg/kg wet	3.333		86	30-130	3	30	
2,4-Dimethylphenol	2.95	0.333	mg/kg wet	3.333		89	30-130	2	30	
2,4-Dinitrophenol	2.82	1.67	mg/kg wet	3.333		85	30-130	5	30	
2,4-Dinitrotoluene	2.98	0.333	mg/kg wet	3.333		90	40-140	6	30	
2,6-Dinitrotoluene	2.72	0.333	mg/kg wet	3.333		81	40-140	6	30	
2-Chloronaphthalene	2.28	0.333	mg/kg wet	3.333		68	40-140	2	30	
2-Chlorophenol	2.61	0.333	mg/kg wet	3.333		78	30-130	1	30	
2-Methylnaphthalene	2.61	0.333	mg/kg wet	3.333		78	40-140	3	30	
2-Methylphenol	2.83	0.333	mg/kg wet	3.333		85	30-130	1	30	
2-Nitrophenol	2.96	0.333	mg/kg wet	3.333		89	30-130	2	30	
3,3'-Dichlorobenzidine	2.33	0.667	mg/kg wet	3.333		70	40-140	2	30	
3+4-Methylphenol	5.53	0.667	mg/kg wet	6.667		83	30-130	0.7	30	
4-Bromophenyl-phenylether	2.77	0.333	mg/kg wet	3.333		83	40-140	0.06	30	
4-Chloroaniline	2.30	0.667	mg/kg wet	3.333		69	40-140	3	30	
4-Nitrophenol	2.81	1.67	mg/kg wet	3.333		84	30-130	3	30	
Acenaphthene	2.66	0.333	mg/kg wet	3.333		80	40-140	3	30	
Acenaphthylene	2.63	0.333	mg/kg wet	3.333		79	40-140	4	30	
Acetophenone	2.77	0.667	mg/kg wet	3.333		83	40-140	1	30	
Aniline	2.15	1.67	mg/kg wet	3.333		64	40-140	1	30	
Anthracene	2.84	0.333	mg/kg wet	3.333		85	40-140	0.3	30	
Azobenzene	3.01	0.333	mg/kg wet	3.333		90	40-140	0.9	30	
Benzo(a)anthracene	2.85	0.333	mg/kg wet	3.333		86	40-140	0.01	30	
Benzo(a)pyrene	2.92	0.167	mg/kg wet	3.333		88	40-140	3	30	
Benzo(b)fluoranthene	2.90	0.333	mg/kg wet	3.333		87	40-140	0.9	30	
Benzo(g,h,i)perylene	2.82	0.333	mg/kg wet	3.333		85	40-140	4	30	
Benzo(k)fluoranthene	2.98	0.333	mg/kg wet	3.333		89	40-140	2	30	
bis(2-Chloroethoxy)methane	2.88	0.333	mg/kg wet	3.333		86	40-140	2	30	

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511225

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270D Semi-Volatile Organic Compounds										
Batch CK51115 - 3546										
bis(2-Chloroethyl)ether	2.78	0.333	mg/kg wet	3.333		83	40-140	0.9	30	
bis(2-chloroisopropyl)Ether	2.67	0.333	mg/kg wet	3.333		80	40-140	2	30	
bis(2-Ethylhexyl)phthalate	3.06	0.333	mg/kg wet	3.333		92	40-140	1	30	
Butylbenzylphthalate	3.14	0.333	mg/kg wet	3.333		94	40-140	3	30	
Chrysene	2.89	0.167	mg/kg wet	3.333		87	40-140	2	30	
Dibenzo(a,h)Anthracene	2.89	0.167	mg/kg wet	3.333		87	40-140	4	30	
Dibenzofuran	2.56	0.333	mg/kg wet	3.333		77	40-140	4	30	
Diethylphthalate	2.82	0.333	mg/kg wet	3.333		85	40-140	5	30	
Dimethylphthalate	2.75	0.333	mg/kg wet	3.333		83	40-140	4	30	
Di-n-butylphthalate	3.04	0.333	mg/kg wet	3.333		91	40-140	1	30	
Di-n-octylphthalate	3.17	0.333	mg/kg wet	3.333		95	40-140	0.8	30	
Fluoranthene	2.67	0.333	mg/kg wet	3.333		80	40-140	0.1	30	
Fluorene	2.74	0.333	mg/kg wet	3.333		82	40-140	4	30	
Hexachlorobenzene	2.63	0.333	mg/kg wet	3.333		79	40-140	0.04	30	
Hexachlorobutadiene	2.42	0.333	mg/kg wet	3.333		73	40-140	3	30	
Hexachloroethane	2.47	0.333	mg/kg wet	3.333		74	40-140	2	30	
Indeno(1,2,3-cd)Pyrene	2.87	0.333	mg/kg wet	3.333		86	40-140	4	30	
Isophorone	2.88	0.333	mg/kg wet	3.333		87	40-140	3	30	
Naphthalene	2.65	0.333	mg/kg wet	3.333		80	40-140	2	30	
Nitrobenzene	2.78	0.333	mg/kg wet	3.333		83	40-140	1	30	
N-Nitrosodimethylamine	2.14	0.333	mg/kg wet	3.333		64	40-140	3	30	
Pentachlorophenol	2.98	1.67	mg/kg wet	3.333		90	30-130	4	30	
Phenanthrene	2.79	0.333	mg/kg wet	3.333		84	40-140	0.3	30	
Phenol	2.63	0.333	mg/kg wet	3.333		79	30-130	2	30	
Pyrene	3.10	0.333	mg/kg wet	3.333		93	40-140	3	30	
Surrogate: 1,2-Dichlorobenzene-d4	*2.48*		mg/kg wet	*3.333*		*75*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*4.52*		mg/kg wet	*5.000*		*90*	*30-130*			
Surrogate: 2-Chlorophenol-d4	*3.81*		mg/kg wet	*5.000*		*76*	*30-130*			
Surrogate: 2-Fluorobiphenyl	*2.54*		mg/kg wet	*3.333*		*76*	*30-130*			
Surrogate: 2-Fluorophenol	*3.69*		mg/kg wet	*5.000*		*74*	*30-130*			
Surrogate: Nitrobenzene-d5	*2.70*		mg/kg wet	*3.333*		*81*	*30-130*			
Surrogate: Phenol-d6	*4.08*		mg/kg wet	*5.000*		*82*	*30-130*			
Surrogate: p-Terphenyl-d14	*3.12*		mg/kg wet	*3.333*		*94*	*30-130*			
Classical Chemistry										
Batch CK51404 - General Preparation										
Reference										
Flashpoint	82		°F	81.00		101	97.9-102.1			
Batch CK51406 - General Preparation										
Blank										
Conductivity	ND	5	umhos/cm							
LCS										
Conductivity	1420		umhos/cm	1411		101	90-110			
Batch CK51410 - General Preparation										

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CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Wynn Everett - MCP

ESS Laboratory Work Order: 1511225

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Classical Chemistry										
Batch CK51410 - General Preparation										
Blank										
Reactive Cyanide	ND	2.0	mg/kg							
Reactive Sulfide	ND	2.0	mg/kg							
LCS										
Reactive Cyanide	4.0	2.0	mg/kg	100.3		4	0.68-5.41			
Reactive Sulfide	0.2	2.0	mg/kg	10.00		2	0-44			

CERTIFICATE OF ANALYSIS

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ESS Laboratory Work Order: 1511225

Notes and Definitions

Z17	Temperature is within 23 +/-2 °C.
Z-10	Soil pH measured in water at 15.7 °C.
WL	Results obtained from a deionized water leach of the sample.
U	Analyte included in the analysis, but not detected
Q	Calibration required quadratic regression (Q).
IC	Internal Standard(s) outside of criteria. Sample was reanalyzed to confirm (IC).
D+	Relative percent difference for duplicate is outside of criteria (D+).
D	Diluted.
B+	Blank Spike recovery is above upper control limit (B+).
>	Greater than.
ND	Analyte NOT DETECTED at or above the MRL (LOQ), LOD for DoD Reports, MDL for J-Flagged Analytes
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method Detection Limit
MRL	Method Reporting Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
DL	Detection Limit
I/V	Initial Volume
F/V	Final Volume
§	Subcontracted analysis; see attached report
1	Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
2	Range result excludes concentrations of target analytes eluting in that range.
3	Range result excludes the concentration of the C9-C10 aromatic range.
Avg	Results reported as a mathematical average.
NR	No Recovery
[CALC]	Calculated Analyte
SUB	Subcontracted analysis; see attached report

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ESS Laboratory Work Order: 1511225

ESS LABORATORY CERTIFICATIONS AND ACCREDITATIONS

ENVIRONMENTAL

Rhode Island Potable and Non Potable Water: LA100179
http://www.health.ri.gov/find/labs/analytical/ESS.pdf

Connecticut Potable and Non Potable Water, Solid and Hazardous Waste: PH-0750
http://www.ct.gov/dph/lib/dph/environmental_health/environmental_laboratories/pdf/OutofStateCommercialLaboratories.pdf

Maine Potable and Non Potable Water, and Solid and Hazardous Waste: RI00002
http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/documents/AllLabs.xls

Massachusetts Potable and Non Potable Water: M-RI002
http://public.dep.state.ma.us/Labcert/Labcert.aspx

New Hampshire (NELAP accredited) Potable and Non Potable Water, Solid and Hazardous Waste: 2424
http://des.nh.gov/organization/divisions/water/dwgb/nhelap/index.htm

New York (NELAP accredited) Non Potable Water, Solid and Hazardous Waste: 11313
http://www.wadsworth.org/labcert/elap/comm.html

New Jersey (NELAP accredited) Non Potable Water, Solid and Hazardous Waste: RI006
http://datamine2.state.nj.us/DEP_OPRA/OpraMain/pi_main?mode=pi_by_site&sort_order=PI_NAMEA&Select+a+Site.=58715

United States Department of Agriculture Soil Permit: P330-12-00139

Pennsylvania: 68-01752
http://www.dep.web.state.pa.us/portal/server.pt/community/labs/13780/laboratory_accreditation_program/590095

Attachment B
SOP 10_0001

Sample and Cooler Receipt Checklist

Client: GZA GeoEnvironmental, Inc.
Client Project ID: _____
Shipped/Delivered Via: ESS Courier

ESS Project ID: 15110225
Date Project Due: 11/17/15
Days For Project: 5 Day

Items to be checked upon receipt:

1. Air Bill Manifest Present?	*No	10. Are the samples properly preserved?	Yes
Air No.:		11. Proper sample containers used?	Yes
2. Were Custody Seals Present?	No	12. Any air bubbles in the VOA vials?	N/A
3. Were Custody Seals Intact?	N/A	13. Holding times exceeded?	No
4. Is Radiation count < 100 CPM?	Yes	14. Sufficient sample volumes?	Yes
5. Is a cooler present?	Yes	15. Any Subcontracting needed?	No
Cooler Temp: **2.0**		16. Are ESS labels on correct containers?	Yes No
Iced With: **Ice**		17. Were samples received intact?	Yes No
6. Was COC included with samples?	Yes	ESS Sample IDs: _____	
7. Was COC signed and dated by client?	Yes	Sub Lab: _____	
8. Does the COC match the sample	Yes	Analysis: _____	
9. Is COC complete and correct?	Yes	TAT: _____	

18. Was there need to call project manager to discuss status? If yes, please explain.

LL vials frozen @ 9:20 JC 11/10/15

Who was called?: _____ By whom? _____

Sample Number	Properly Preserved	Container Type	# of Containers	Preservative
1	Yes	4 oz Soil Jar	5	NP
1	Yes	40 ml - VOA	1	MeOH
1	Yes	40 ml - VOA	2	other

Completed By: _____ Date/Time: 11/10/15 2051
Reviewed By: _____ Date/Time: 11/11/15 2105

1

CHAIN OF CUSTODY

ESS Lab # 1511225

Reporting Limits - _____

Electonic Deliverables (Excel) Access (PDF)

Turn Time ____ Standard Other ____

Regulatory State: (MA) RI CT NH NJ NY ME Other ____

Is this project for any of the following:(please circle)
MA-MCP Navy USACE CT DEP Other ____

Project # 1715 21.41 Project Name Wynn Everett

Proj. Location Everett, MA 1 Horizon Way

City, State Monroe, MA Zip 02062 PO#

Email: Matthew.smith@gza.com

ESS Lab ID	Sample ID	Date	Collection Time	Grab-G Composite-C	Matrix	Pres Code	# of Containers	Type of Container	Vol of Container	Analysis: Flashpoint & TCLP; 8260; 8270; PH; TPH; PCBs; MA EPH w/ Modified; Mercury; Reactivity
	UST Content 1	11/10/2015	1030	G	GW	1,2,4	8	V,AG	40ml x 2	X X X X X X X X
1	UST Content 2	11/10/2015	1030	G	S	1,6	8	V,AG	250ml x 2 1000ml x 1	X X X X X X X X

Container Type P-Poly G-Glass AG-Amber Glass S-Sterile V-VOA

Matrix S-Soil SD-Solid D-Sludge WW-Wastewater GW-Groundwater SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filter

Cooler Present ____Yes ____No

Seals Intact ____Yes ____No NA: ____

Cooler Temperature: 2.0 ice

Preservation Code: 1-NP, 2-HCl, 3-H2SO4, 4-HNO3, 5-NaOH, 6-MeOH, 7-Ascorbic Acid, 8-ZnAct, 9-____

Internal Use Only

[ ] Pickup

[ ] Technician ____

Sampled by: Kip Webber

Comments: TCLP based on 20x rule

Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)
11/10/15 15:37	11/10/15 18:07
Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)
11/10/2015 1230	2045

Please fax to the laboratory all changes to Chain of Custody

Report Method Blank & Laboratory Control Sample Results

* By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VIIA

ESS Laboratory
Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston RI 02910-2211
Tel. (401)461-7181 Fax (401)461-4486
www.esslaboratory.com

Proactive by Design

APPENDIX F

UST WATER DISPOSAL MANIFEST

INVOICE

Invoice No 1001183260

REMIT TO:
Clean Harbors Env. Services
PO Box 3442
Boston, MA 02241-3442

EIN: 04-2698999

OFFICE:
Clean Harbors Environmental Service, Inc.
50 A Brigham Street
Marlborough, MA 01752
(508) 842-8014

If you have any questions regarding this invoice, please contact your customer service representative at the telephone number listed above

SOLD TO:
Ed Price
Charter Environmental Inc
560 Harrison Ave
Floor 5
Boston, MA 02118 - 0000

JOB SITE/GENERATOR:
Wynn MA LLC
1 Horizon Way
Everett, MA 02149 - 0000

Job Description: Pump Out Uncovered Oil Tank

**** Payable in USD funds ****

Last Service Date	Invoice No	Customer	Branch	Sales Order	Purchase Order	Terms
24 Nov 2015	1001183260	CH0714	WO	1503773207	10400	NET 15 DAYS

Last Service Date	Task	Task Type	Description	Total
24 Nov 2015	1503773207-001	GENERAL	Pump Out Uncovered Tank and Spot Rolloffs	$1,546.98
24 Nov 2015	1503773207-002	GENERAL	Pump Out UST and Transport for Disposal	$1,478.25
24 Nov 2015	1503773207-003	GENERAL	Roll Off Drop	$1,478.25

	SUBTOTAL	**$4,503.48**
	TAX	**$0.00**
PLEASE PAY THIS AMOUNT →	**INVOICE TOTAL**	**$4,503.48**
REMIT PAYMENT BY →	**DUE DATE**	**18 Dec 2015**

Interest will be charged at a rate of 1.5% per month for all past due amounts.

INVOICE

Invoice No 1001183260

TASK 1503773207-001 - Pump Out Uncovered Tank and Spot Rolloffs

Manifest Info	Item ID	Description	Manifest Qty	Manifest UOM	Billing Qty	Billing UOM	Unit Price	Amount
		24 Nov 2015						
	TANKWASH	Tank Wash			1.000	EA	255.0000	$255.00
009000509FLE 1	DISPSL / A32	groundwater CH1102554	1	GAL	1,253.000	GAL	0.6500	$814.45
	FEE-TRAN	Maine Waste Oil Fee (>or=95% Water)			1,253.000	G	0.0100	$12.53
	FEE-TRAN	Massachusetts Transporters Fee			1,253.000	G	0.2640	$330.79
	FEE	Recovery Fee			1,412.770	EA	0.0950	$134.21
							SUBTOTAL	**$1,546.98**
							TAX	**$0.00**
							TASK TOTAL	**$1,546.98**

TASK 1503773207-002 - Pump Out UST and Transport for Disposal

Item ID	Description	Fixed Price Amount	Percent Complete	Billable Amount
	24 Nov 2015			
FIXD	Pump Out UST and Transport for Disposal	1,350.0000	100%	$1,350.00
FEE	Recovery Fee	0.0950		$128.25
			SUBTOTAL	**$1,478.25**
			TAX	**$0.00**
			TASK TOTAL	**$1,478.25**

TASK 1503773207-003 - Roll Off Drop

Item ID	Description	Qty	Units	Unit Price	Amount
	24 Nov 2015				
FIXD	Move	3.000	Move	450.0000	$1,350.00
FEE	Recovery Fee	1,350.000	EA	0.0950	$128.25
				SUBTOTAL	**$1,478.25**
				TAX	**$0.00**
				TASK TOTAL	**$1,478.25**

CleanHarbors ENVIRONMENTAL SERVICES

Site Services Multi-Task Worksheet

66459

Day & Date: TUES 11-24-15

Sales Order #: 1503773207

Job Complete: Yes / (No) (Circle One)

Job Description / Comments: DROP MT ROLLOFF ON SITE W/LINER

Customer: CHARTER BNJ INC

Billing Address: 560 HARRISON AVE Floor 5 Boston MA

Contact:

Job Location: 1 HOLTON WY STOUGHTON MA

PO # / COD Amount: 10400

Per Diem: Yes (No) (Circle one) If yes, how many?:

Change Order Initiated: Yes / (No) (Circle One)

	Task # / Description	Task # / Description	Task # / Description
	1		
	DROP MT ROLLOFF		
Task Complete: (Circle One)	Yes / No	Yes / No	Yes / No

Component Type

Labor

Name	Title	ID #	ST	OT	DT	ST	OT	DT	ST	OT	DT
CHARLIE FITZGERALD	C/O	9519	4								

Disposal / Write Description/Destination	Manifest #	Amount	Manifest #	Amount	Manifest #	Amount
LIQUID: Bulk / Drum						
SOLID: Bulk / Drum						

Equipment Type	Quantity	Fleet #	# of Hr/Day	Quantity	Fleet #	# of Hr/Day	Quantity	Fleet #	# of Hr/Day
Pickup / Van / Car / Crew Cab (Circle One)									
Vacuum Trailer									
Tractor									
Vacuum Truck, Straight									
Box Truck									
Cusco / Guzzler / Vactor (Circle One)									
Air Compressor, 175 CFM									
Backhoe Loader 1 Yd bucket									
Bobcat Loader–Mini Excavator									
Rack Truck									
Rolloff Truck, Straight	1	4757	4						
Pressure Washer (PSI: _____) Hot / Cold (Circle One)									
Meter Type:									

Material Description	Quantity	Size	Quantity	Size	Quantity	Size
Drum Type:						
Drum Type:						
Rope Type:						
Degreaser Type:						
Speedi Dry						
Polycoated Rain Gear, 22mil						
Poly Sheet, 6mil, 20ft x 100ft						
Poly Bags, 6mil, per roll						
Absorbent Pad (101 Grade) 100/bale						
Absorbent Boom Each						
Absorbent Boom Bale						
Duct Tape/Roll						
Safety Plan						
Rolloff Poly Liner	1					
5 Gal / 20 Litre Poly Drum 1H2						

Container Management	Size	Fleet #	Size	Fleet #	Size	Fleet #
Rolloff / Intermodal / Frac Tank / Tanker (circle one)	1	8CHT 25803	25YD			
Rolloff / Intermodal / Frac Tank / Tanker (circle one)						

PPE Sets	Task 1	Task 2	Task 3	Type	Qty	Type	Qty	Type	Qty	Type	Qty	Type	Qty	Type	Qty
# of Complete Sets of PPE Used:				PPED1		PPEB2		PPED1		PPEB2		PPED1		PPEB2	
# of People in PPE:				PPEC2		PPEB3		PPEC2		PPEB3		PPEC2		PPEB3	
				PPEC3		PPEB4		PPEC3		PPEB4		PPEC3		PPEB4	
				PPEC4		PPEA5		PPEC4		PPEA5		PPEC4		PPEA5	

PPED1=Level D w/(Tyvek, boots, gloves) PPEC2=Level C w/(CPF1,2 or Poly Tyvek suit)
PPEC3=Level C w/(CPF3 or Saranex suit) PPEC4=Level C w/(CPF4 or Barricade suit)
PPEB2=Level B w/(CPF2 or Poly Tyvek suit) PPEB3=Level B w/(CPF3 or Saranex suit)
PPEB4=Level B w/(CPF4 or Barricade suit) PPEA5=Level A w/(Responder suit)

PPE Items Used in Addition to Sets Above	Quantity	Type	Quantity	Type	Quantity	Type
Cartridge						
Respirator						
Suit						
Inner Gloves						
Outer Gloves						
Breathing Air Bottle						

Analytical - Analysis Description	# of Tests	Lab Name	# of Tests	Lab Name	# of Tests	Lab Name

Subcontractor Name	Description of Service	Description of Service	Description of Service

CHES Rep (Print) CHARLIE FITZGERALD

CHES Rep (Sign)

Date: 11-24-15

Customer (Print)

Customer (Sign)

Date:

CHI.225-SS (9/07)

IMPORTANT - PAYMENT TERMS ON BACK

ORIGINAL

CleanHarbors ENVIRONMENTAL SERVICES

Site Services Multi-Task Worksheet

66354

Day & Date: Tue. 11/24/15

Sales Order #: 1503773207

Job Complete: Yes / (No) (Circle One)

Job Description / Comments: Deliver empty rolloff container. Spot onsite as directed by Charter

35

Customer: Charter Environmental Inc.

PO # / COD Amount: N/A

Billing Address: 560 Harrison Ave Floor 5 Boston MA

Per Diem: Yes / (No) (Circle one) If yes, how many?:

Change Order Initialed: Yes / (No) (Circle One)

3

Contact:

Job Location: 1 Horizon Way Everett MA

Task # / Description	Task # / Description	Task # / Description
1 Deliver field can		
Task Complete: Yes / No (Circle One)	Task Complete: Yes / No (Circle One)	Task Complete: Yes / No (Circle One)

Component Type

Labor

Name	Title	ID #	ST	OT	DT	ST	OT	DT	ST	OT	DT
Erik Smith	E10	026042		2							

Disposal - Write Description/Destination	Manifest #	Amount	Manifest #	Amount	Manifest #	Amount
LIQUID: Bulk / Drum						
SOLID: Bulk / Drum						

Equipment Type	Quantity	Fleet #	# of Hr/Day	Quantity	Fleet #	# of Hr/Day	Quantity	Fleet #	# of Hr/Day
Pickup / Van / Car / Crew Cab (Circle One)									
Vacuum Trailer									
Tractor									
Vacuum Truck, Straight									
Box Truck									
Cusco / Guzzler / Vactor (Circle One)									
Air Compressor, 175 CFM									
Backhoe Loader 1 Yd bucket									
Bobcat Loader--Mini Excavator									
Rack Truck									
(Rolloff Truck, Straight)	1	4259	2						
Pressure Washer (PSI:) Hot / Cold (Circle One)									
Meter Type:									

Material Description	Quantity	Size	Quantity	Size	Quantity	Size
Drum Type:						
Drum Type:						
Rope Type:						
Degreaser Type:						
Speedi Dry						
Polycoated Rain Gear, 22mil						
Poly Sheet, 6mil, 20ft x 100ft						
Poly Bags, 6mil, per roll						
Absorbent Pad (101 Grade) 100/bale						
Absorbent Boom Each						
Absorbent Boom Bale						
Duct Tape/Roll						
Safety Plan						
(Rolloff Poly Liner)	1	25Y	TASK 4			
5 Gal / 20 Litre Poly Drum 1H2						

Container Management	Size	Fleet #	Size	Fleet #	Size	Fleet #
(Rolloff) / Intermodal / Frac Tank / Tanker (circle one)	25Y	CHRT25909	TASK 4			
Rolloff / Intermodal / Frac Tank / Tenker (circle one)						

PPE Sets	Task 1	Task 2	Task 3	Type	Qty	Type	Qty	Type	Qty	Type	Qty	Type	Qty	Type	Qty
# of Complete Sets of PPE Used:				PPED1		PPEB2		PPED1		PPEB2		PPED1		PPEB2	
# of People in PPE:				PPEC2		PPEB3		PPEC2		PPEB3		PPEC2		PPEB3	
PPED1=Level D w/(Tyvek, boots, gloves) PPEC2=Level C w/(CPF1,2 or Poly Tyvek suit)				PPEC3		PPEB4		PPEC3		PPEB4		PPEC3		PPEB4	
PPEC3=Level C w/(CPF3 or Saranex suit) PPEC4=Level C w/(CPF4 or Barricade suit)				PPEC4		PPEA5		PPEC4		PPEA5		PPEC4		PPEA5	
PPEB2=Level B w/(CPF2 or Poly Tyvek suit) PPEB3=Level B w/(CPF3 or Saranex suit)															
PPEB4=Level B w/(CPF4 or Barricade suit) PPEA5=Level A w/(Responder suit)															

PPE Items Used in Addition to Sets Above	Quantity	Type	Quantity	Type	Quantity	Type
Cartridge						
Respirator						
Suit						
Inner Gloves						
Outer Gloves						
Breathing Air Bottle						

Analytical - Analysis Description	# of Tests	Lab Name	# of Tests	Lab Name	# of Tests	Lab Name

Subcontractor Name	Description of Service	Description of Service	Description of Service

CHES Rep (Print) Erik Smith

CHES Rep (Sign) [signature]

Date: 11/24/15

Customer (Print)

Customer (Sign)

Date:

CHI 225-SS (9/07)

IMPORTANT - PAYMENT TERMS ON BACK

ORIGINAL

CleanHarbors
ENVIRONMENTAL SERVICES

Site Services Multi-Task Worksheet

65500

Day & Date: ~~Tue~~ Tue 11/24/15

Sales Order #: 1503773207

Job Complete: (Yes) / No (Circle One)

Job Description / Comments: Pump underground ust and Delever to Ches S. Portland ME

Customer: Chester Env

Billing Address: 500 Harrison Ave
Floor 5
Boston, MA 02118

Contact: John Simpson

Job Location: 1 Horizon Way
Everett, MA

PO # / COD Amount:

Per Diem: Yes / (No) (Circle one) If yes, how many?:

Change Order Initiated: Yes / (No) (Circle One)

Task # / Description	Task # / Description	Task # / Description
2 Pump oil tank and Delever to Ches S. Portland ME		
Task Complete: Yes / No (Circle One)	Task Complete: Yes / No (Circle One)	Task Complete: Yes / No (Circle One)

Component Type

Labor

Name	Title	ID #	ST	OT	DT	ST	OT	DT	ST	OT	DT
(1) Craig Bloom	E16	07978	8	5.5							

Disposal	Waste Description/Destination	Manifest #	Amount	Manifest #	Amount	Manifest #	Amount
(LIQUID) / Bulk / Drum		009000509FLE	12536				
SOLID: Bulk / Drum							

Equipment Type	Quantity	Fleet #	# of Hr/Day	Quantity	Fleet #	# of Hr/Day	Quantity	Fleet #	# of Hr/Day
Pickup / Van / Car / Crew Cab (Circle One)									
Vacuum Trailer									
Tractor									
Vacuum Truck, Straight	1	4180	13.5						
Box Truck									
Cusco / Guzzler / Vactor (Circle One)									
Air Compressor, 175 CFM									
Backhoe Loader 1 Yd bucket									
Bobcat Loader--Mini Excavator									
Rack Truck									
Rolloff Truck, Straight									
Pressure Washer (PSI: _____) Hot / Cold (Circle One)									
Meter Type:									

Material/Description	Quantity	Size	Quantity	Size	Quantity	Size
Drum Type:						
Drum Type:						
Rope Type:						
Degreaser Type:						
Speedi Dry						
Polycoated Rain Gear, 22mil						
Poly Sheet, 6mil, 20ft x 100ft						
Poly Bags, 6mil, per roll						
Absorbent Pad (101 Grade) 100/bale						
Absorbent Boom Each						
Absorbent Boom Bale						
Duct Tape/Roll						
Safety Plan						
Rolloff Poly Liner						
5 Gal / 20 Litre Poly Drum 1H2						

Container Management	Size	Fleet #	Size	Fleet #	Size	Fleet #
Rolloff / Intermodal / Frac Tank / Tanker (circle one)						
Rolloff / Intermodal / Frac Tank / Tanker (circle one)						

PPE Sets	Task 1	Task 2	Task 3	Type	Qty	Type	Qty	Type	Qty	Type	Qty	Type	Qty	Type	Qty
# of Complete Sets of PPE Used:				(PPED1)	1	PPEB2		PPED1		PPEB2		PPED1		PPEB2	
# of People in PPE:				PPEC2		PPEB3		PPEC2		PPEB3		PPEC2		PPEB3	
				PPEC3		PPEB4		PPEC3		PPEB4		PPEC3		PPEB4	
				PPEC4		PPEA5		PPEC4		PPEA5		PPEC4		PPEA5	

PPED1=Level D w/(Tyvek, boots, gloves) PPEC2=Level C w/(CPF1,2 or Poly Tyvek suit)
PPEC3=Level C w/(CPF3 or Saranex suit) PPEC4=Level C w/(CPF4 or Barricade suit)
PPEB2=Level B w/(CPF2 or Poly Tyvek suit) PPEB3=Level B w/(CPF3 or Saranex suit)
PPEB4=Level B w/(CPF4 or Barricade suit) PPEA5=Level A w/(Responder suit)

PPE Items Used in Addition to Sets Above	Quantity	Type	Quantity	Type	Quantity	Type
Cartridge						
Respirator						
Suit						
Inner Gloves						
Outer Gloves						
Breathing Air Bottle						

In-Field Analytical Analysis Description	# of Tests	Lab Name	# of Tests	Lab Name	# of Tests	Lab Name

Subcontractor Name	Description of Service	Description of Service	Description of Service

CHES Rep (Print) Craig Bloom CHES Rep (Sign) [signature] Date: 11/24/15

Customer (Print) [illegible] Customer (Sign) [signature] Date: 11/24/15

CHI 225-SS (9/07)

IMPORTANT - PAYMENT TERMS ON BACK

ORIGINAL

CleanHarbors
ENVIRONMENTAL SERVICES®

Site Services Multi-Task Workaheet

65826

Day & Date: Tuesday 11-24-2015

Sales Order #: 1503773207

Job Complete: (Yes) / No (Circle One)

Job Description / Comments: Truck 4344 to Horizon Way Everett MA to deliver empty rolloff container.

Customer: Charter Env. Inc

Billing Address: 560 Harrison Ave Boston MA

Contact:

Job Location: 1 Horizon Ave Everett MA

PO # / COD Amount:

Per Diem: Yes / (No) (Circle one) If yes, how many?:

Change Order Initiated: Yes / (No) (Circle One)

Task # / Description	Task # / Description	Task # / Description
Deliver Rolloff Container		
Task Complete: (Yes) / No (Circle One)	Task Complete: Yes / No (Circle One)	Task Complete: Yes / No (Circle One)

Component Type

Labor

Name	Title	ID #	ST	OT	DT	ST	OT	DT	ST	OT	DT
Brian Makein	E/O	076645	3								

Disposal (X) / Write Description/Destination	Manifest #	Amount	Manifest #	Amount	Manifest #	Amount
LIQUID: Bulk / Drum						
SOLID: Bulk / Drum						

Equipment Type	Quantity	Fleet #	# of Hr/Day	Quantity	Fleet #	# of Hr/Day	Quantity	Fleet #	# of Hr/Day
Pickup / Van / Car / Crew Cab (Circle One)									
Vacuum Trailer									
Tractor									
Vacuum Truck, Straight									
Box Truck									
Cusco / Guzzler / Vactor (Circle One)									
Air Compressor, 175 CFM									
Backhoe Loader 1 Yd bucket									
Bobcat Loader–Mini Excavator									
Back Truck									
Rolloff Truck, Straight	1	4344	3						
Pressure Washer (PSI: _____) Hot / Cold (Circle One)									
Meter Type:									

Material Description	Quantity	Size	Quantity	Size	Quantity	Size
Drum Type:						
Drum Type:						
Rope Type:						
Degreaser Type:						
Speedi Dry						
Polycoated Rain Gear, 22mil						
Poly Sheet, 6mil, 20ft x 100ft						
Poly Bags, 6mil, per roll						
Absorbent Pad (101 Grade) 100/bale						
Absorbent Boom Each						
Absorbent Boom Bale						
Duct Tape/Roll						
Safety Plan						
Rolloff Poly Liner						
5 Gal / 20 Litre Poly Drum 1H2						

Container Management	Size	Fleet #	Size	Fleet #	Size	Fleet #
(Rolloff) / Intermodal / Frac Tank / Tanker (circle one)	25 YD					
Rolloff / Intermodal / Frac Tank / Tanker (circle one)						

PPE Sets	Task 1	Task 2	Task 3	Type	Qty	Type	Qty	Type	Qty	Type	Qty	Type	Qty	Type	Qty
# of Complete Sets of PPE Used:				PPED1		PPEB2		PPED1		PPEB2		PPED1		PPEB2	
# of People in PPE:				PPEC2		PPEB3		PPEC2		PPEB3		PPEC2		PPEB3	
PPED1=Level D w/(Tyvek, boots, gloves)				PPEC3		PPEB4		PPEC3		PPEB4		PPEC3		PPEB4	
PPEC2=Level C w/(CPF1,2 or Poly Tyvek suit)				PPEC4		PPEA5		PPEC4		PPEA5		PPEC4		PPEA5	
PPEC3=Level C w/(CPF3 or Saranex suit)															
PPEC4=Level C w/(CPF4 or Barricade suit)															
PPEB2=Level B w/(CPF2 or Poly Tyvek suit)															
PPEB3=Level B w/(CPF3 or Saranex suit)															
PPEB4=Level B w/(CPF4 or Barricade suit)															
PPEA5=Level A w/(Responder suit)															

PPE Items Used in Addition to Sets Above	Quantity	Type	Quantity	Type	Quantity	Type
Cartridge						
Respirator						
Suit						
Inner Gloves						
Outer Gloves						
Breathing Air Bottle						

Analytical: Analysis Description	# of Tests	Lab Name	# of Tests	Lab Name	# of Tests	Lab Name

Subcontractor Name	Description of Service	Description of Service	Description of Service

CHES Rep (Print) Brian Makein

CHES Rep (Sign) [signature]

Date: 11/24/2015

Customer (Print)

Customer (Sign)

Date:

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) WO 1503773207-001 SC PPW 9/11/2015 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	MP8577707801	1	(800) 483-3718	009000509 FLE

5. Generator's Name and Mailing Address
Wynn MA LLC
101 Station Landing. 2nd floor
Medford, MA 02155
Generator's Phone: (857) 770-7801

Generator's Site Address (if different than mailing address)
1 Horizon Way
Everett, MA 02149

6. Transporter 1 Company Name: Clean Harbors Environmental Service, Inc.
U.S. EPA ID Number: MAD039322250

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Environmental Service, Inc.
37 Rumery Road
South Portland, ME 04106
Facility's Phone: (207) 772-2201
U.S. EPA ID Number: MED980672182

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON HAZARDOUS, NON D.O.T. REGULATED, (GROUND WATER) With Trace OIL.	001	TT	1253	G	MA01
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. CH1102554
halogens <1000

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Robert J. DeSalvio As President Wynn MA, LLC
Signature:
Month: 11 Day: 24 Year: 15

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Craig Bloem
Signature:
Month: 11 Day: 24 Year: 15

Transporter 2 Printed/Typed Name
Signature:
Month: Day: Year:

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H039 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Darrick Reddick
Signature:
Month: 11 Day: 24 Year: 15

GENERATOR | TRANSPORTER INT'L | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)
Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

Proactive by Design

APPENDIX G

UST REMOVAL PERMIT AND DISPOSAL RECEIPT

1 HORIZON WAY

GC-2015-0331

COMMONWEALTH OF MASSACHUSETTS
CITY OF EVERETT

GIS #:	4183
Map:	H0-06
Block	000191
Lot	01
Permit	GC-2015-0331
Project #	JS-2016-000757
Fee	$150.00

UNDERGROUND STORAGE TANK PERMIT

PERMISSION IS HEREBY GRANTED TO:

Owner:	WYNN MA LLC
Applicant:	CHARTER ENVIROMENTAL
Contractor:	CHARTER ENVIROMENTAL
AT:	1 HORIZON WAY
ISSUED ON:	12-Nov-2015 ***EXPIRES ON:*** 31-Dec-2015

TO PERFORM THE FOLLOWING WORK:

Removal of underground storage tanks found during the clean-up of the site.

In accordance with the provisions of 527 CMR 9.00, this permit is for maintainance of an existing /new storage tank facility

Signature: _____

Fee Type:	Receipt No:	Date Paid:	Check No:	Amount:
Tank Removal	REC-2016-002773	12-Nov-15	63331	$150.00

Tank inspected and approved for removal from site on 12/3/15 by Lt. Gary Ostler EFD

Proactive by Design

APPENDIX H

UST SOIL DISPOSAL MANIFEST

INVOICE

Invoice No 1001216317

REMIT TO:
Clean Harbors Env. Services
PO Box 3442
Boston, MA 02241-3442

EIN: 04-2698999

OFFICE:
Clean Harbors Environmental Service, Inc.
50 A Brigham Street
Marlborough, MA 01752
(508) 842-8014

If you have any questions regarding this invoice, please contact your customer service representative at the telephone number listed above

SOLD TO:
Ed Price
Charter Environmental Inc
560 Harrison Ave
Floor 5
Boston, MA 02118 - 0000

JOB SITE/GENERATOR:
Wynn MA LLC
1 Horizon Way
Everett, MA 02149 - 0000

Job Description: Pump Out Uncovered Oil Tank

**** Payable in USD funds ****

Last Service Date	Invoice No	Customer	Branch	Sales Order	Purchase Order	Terms
11 Dec 2015	1001216317	CH0714	WO	1503773207	10400	NET 15 DAYS

Last Service Date	Task	Task Type	Description	Total
11 Dec 2015	1503773207-005	GENERAL	Roll Off Transportation for Disposal	$13,652.46

	SUBTOTAL	**$13,652.46**
	TAX	**$68.26**
PLEASE PAY THIS AMOUNT →	**INVOICE TOTAL**	**$13,720.72**
REMIT PAYMENT BY →	**DUE DATE**	**20 Jan 2016**

Interest will be charged at a rate of 1.5% per month for all past due amounts.

Invoice Date: 05 Jan 2016

PLEASE RETURN A COPY OF INVOICE WITH PAYMENT - THANK YOU

INVOICE

Invoice No 1001216317

TASK 1503773207-005 - Roll Off Transportation for Disposal

Item ID	Description	Qty	Units	Unit Price	Amount
		30 Nov 2015			
LINRO	Rolloff Poly Liner	3.000	EA	70.0000 T	$210.00
ROLLOFF	Rolloff Container with Tarp & Bows CHRT25803	16.000	DAY	18.0000 T	$288.00
ROLLOFF	Rolloff Container with Tarp & Bows CHRT25134	16.000	DAY	18.0000 T	$288.00
ROLLOFF	Rolloff Container with Tarp & Bows CHRT25909	17.000	DAY	18.0000 T	$306.00
		10 Dec 2015			
FIXD	Load	2.000	Load	600.0000	$1,200.00
DISPSL / CNO	tank solids CH1102627	1.000	MIN	2,400.0000	$2,400.00
FEE-TRAN	Massachusetts Transporters Fee	15.000	Y	52.8000	$792.00
DISPSL / CNO	tank solids CH1102627	1.000	MIN	2,400.0000	$2,400.00
FEE-TRAN	Massachusetts Transporters Fee	15.000	Y	52.8000	$792.00
DISPSL / CNO	tank solids CH1102627	1.000	MIN	2,400.0000	$2,400.00
FEE-TRAN	Massachusetts Transporters Fee	15.000	Y	52.8000	$792.00
		11 Dec 2015			
FIXD	Load	1.000	Load	600.0000	$600.00
FEE	Recovery Fee	12,468.000	EA	0.0950	$1,184.46
				SUBTOTAL	**$13,652.46**
				TAX	**$68.26**
				TASK TOTAL	**$13,720.72**

T indicates SALES TAXABLE ITEM

Invoice Date: 05 Jan 2016

CleanHarbors ENVIRONMENTAL SERVICES®

Site Services Multi-Task Worksheet

66239

Day & Date: THURS 12-10-15

Sales Order #: 150377320?

Job Complete: Yes / (No) (Circle One)

Job Description / Comments: Pickup 2 of 3 Rolloffs and transport to Brainbridge for disposal

Customer: Charter Environmental

Billing Address: 560 Harrison Ave Floor 5 Boston MA

PO # / COD Amount: 10400

Per Diem: Yes / (No) (Circle one) If yes, how many?:

Change Order Initiated: Yes / (No) (Circle One)

Contact:

Job Location: 1 Horizon Way Everett MA

	#5 Task # / Description	Task # / Description	Task # / Description
	Pickup 2 Rolloffs and transport to Brainbridge		
Component Type	Task Complete: (Yes) / No (Circle One)	Task Complete: Yes / No (Circle One)	Task Complete: Yes / No (Circle One)

Labor

Name	Title	ID #	ST	OT	DT	ST	OT	DT	ST	OT	DT
Charlie Fitzgerald	C/O	9519	4	4							

Disposal / Write Description/Destination	Manifest #	Amount	Manifest #	Amount	Manifest #	Amount
LIQUID: Bulk / Drum						
(SOLID) Bulk / Drum NON-HAZ - BRASS	009000720 FLS	15 YDS	009000721 FLS	15 YDS		

Equipment Type	Quantity	Fleet #	# of Hr/Day	Quantity	Fleet #	# of Hr/Day	Quantity	Fleet #	# of Hr/Day
Pickup / Van / Car / Crew Cab (Circle One)									
Vacuum Trailer									
Tractor									
Vacuum Truck, Straight									
Box Truck									
Cusco / Guzzler / Vactor (Circle One)									
Air Compressor, 175 CFM									
Backhoe Loader 1 Yd bucket									
Bobcat Loader–Mini Excavator									
Rack Truck									
Rolloff Truck, Straight	1	4257	8						
Pressure Washer (PSI: _____) Hot / Cold (Circle One)									
Meter Type:									

Material Description	Quantity	Size	Quantity	Size	Quantity	Size
Drum Type:						
Drum Type:						
Rope Type:						
Degreaser Type:						
Speedi Dry						
Polycoated Rain Gear, 22mil						
Poly Sheet, 6mil, 20ft x 100ft						
Poly Bags, 6mil, per roll						
Absorbent Pad (101 Grade) 100/bale						
Absorbent Boom Each						
Absorbent Boom Bale						
Duct Tape/Roll						
Safety Plan						
Rolloff Poly Liner						
5 Gal / 20 Litre Poly Drum 1H2						

Container Management	Size	Fleet #	Size	Fleet #	Size	Fleet #
(Rolloff) / Intermodal / Frac Tank / Tanker (circle one)	25YD	CHRT 25134				
(Rolloff) Intermodal / Frac Tank / Tanker (circle one)	25YD	CHRT 25803				

PPE Sets	Task 1	Task 2	Task 3	Type	Qty	Type	Qty	Type	Qty	Type	Qty	Type	Qty	Type	Qty
# of Complete Sets of PPE Used:				PPED1		PPEB2		PPED1		PPEB2		PPED1		PPEB2	
# of People in PPE:				PPEC2		PPEB3		PPEC2		PPEB3		PPEC2		PPEB3	
PPED1=Level D w/(Tyvek, boots, gloves) PPEC2=Level C w/(CPF1,2 or Poly Tyvek suit)				PPEC3		PPEB4		PPEC3		PPEB4		PPEC3		PPEB4	
PPEC3=Level C w/(CPF3 or Saranex suit) PPEC4=Level C w/(CPF4 or Barricade suit)				PPEC4		PPEA5		PPEC4		PPEA5		PPEC4		PPEA5	
PPEB2=Level B w/(CPF2 or Poly Tyvek suit) PPEB3=Level B w/(CPF3 or Saranex suit)															
PPEB4=Level B w/(CPF4 or Barricade suit) PPEA5=Level A w/(Responder suit)															

PPE Items Used in Addition to Sets Above	Quantity	Type	Quantity	Type	Quantity	Type
Cartridge						
Respirator						
Suit						
Inner Gloves						
Outer Gloves						
Breathing Air Bottle						

Analytical - Analysis Description	# of Tests	Lab Name	# of Tests	Lab Name	# of Tests	Lab Name

Subcontractor Name	Description of Service	Description of Service	Description of Service

CHES Rep (Print) Charlie Fitzgerald

CHES Rep (Sign)

Date: 12-10-15

Customer (Print)

Customer (Sign)

Date:

CHI 225-SS (9/07)

IMPORTANT - PAYMENT TERMS ON BACK

ORIGINAL

CleanHarbors
ENVIRONMENTAL SERVICES

Site Services Multi-Task Worksheet

66245

Day & Date: 12-11-15
Sales Order #: 1503773207

Job Complete: Yes / No (Circle One)

Job Description / Comments: Pick up + transport R/O CAN # CHT. 25909 To Diamond Facility

Customer: CHARTER ENV.
PO # / COD Amount: Pend
Billing Address: 300 Hatidon Rd Boston Mass
Per Diem: Yes / No (Circle one) If yes, how many?:
Change Order Initiated: Yes / No (Circle One)
Contact:
Job Location: Alford St. Everett Mass

Task # / Description	Task # / Description	Task # / Description
Pick-up R/O Can		
Task Complete: Yes / No (Circle One)	Task Complete: Yes / No (Circle One)	Task Complete: Yes / No (Circle One)

Component Type

Labor

Name	Title	ID #	ST	OT	DT	ST	OT	DT	ST	DT	DT
Jim Brack	EB	02190	4								

Disposal / Write Description/Destination	Manifest #	Amount	Manifest #	Amount	Manifest #	Amount
LIQUID: Bulk / Drum						
SDLID: Bulk / Drum NON HAZ BG 00900119 1 Yds						

Equipment Type	Quantity	Fleet #	# of Hr/Day	Quantity	Fleet #	# of Hr/Day	Quantity	Fleet #	# of Hr/Day
Pickup / Van / Car / Crew Cab (Circle One)									
Vacuum Trailer									
Tractor									
Vacuum Truck, Straight									
Box Truck									
Cusco / Guzzler / Vactor (Circle One)									
Air Compressor, 175 CFM									
Backhoe Loader 1 Yd bucket									
Bobcat Loader–Mini Excavator									
Rack Truck									
Rolloff Truck, Straight	1	4340	4						
Pressure Washer (PSI: _____) Hot / Cold (Circle One)									
Meter Type:									

Material Description	Quantity	Size	Quantity	Size	Quantity	Size
Drum Type:						
Drum Type:						
Rope Type:						
Degreaser Type:						
Speedi Dry						
Polycoated Rain Gear, 22mil						
Poly Sheet, 6mil, 20ft x 100ft						
Poly Bags, 6mil, per roll						
Absorbent Pad (101 Grade) 100/bale						
Absorbent Boom Each						
Absorbent Boom Bale						
Duct Tape/Roll						
Safety Plan						
Rolloff Poly Liner						
5 Gal / 20 Litre Poly Drum 1H2						

Container Management	Size	Fleet #	Size	Fleet #	Size	Fleet #
Rolloff / Intermodal / Frac Tank / Tanker (circle one)	35A	CHT 2590				
Rolloff / Intermodal / Frac Tank / Tanker (circle one)						

PPE Sets	Task 1	Task 2	Task 3	Type	Qty	Type	Qty	Type	Qty	Type	Qty	Type	Qty	Type	Qty
# of Complete Sets of PPE Used:	1			PPED1	1	PPEB2		PPED1		PPEB2		PPED1		PPEB2	
# of People in PPE:	1			PPEC2		PPEB3		PPEC2		PPEB3		PPEC2		PPEB3	
PPED1=Level D w/(Tyvek, boots, gloves) PPEC2=Level C w/(CPF1,2 or Poly Tyvek suit)				PPEC3		PPEB4		PPEC3		PPEB4		PPEC3		PPEB4	
PPEC3=Level C w/(CPF3 or Saranex suit) PPEC4=Level C w/(CPF4 or Barricade suit)				PPEC4		PPEA5		PPEC4		PPEA5		PPEC4		PPEA5	
PPEB2=Level B w/(CPF2 or Poly Tyvek suit) PPEB3=Level B w/(CPF3 or Saranex suit)															
PPEB4=Level B w/(CPF4 or Barricade suit) PPEA5=Level A w/(Responder suit)															

PPE Items Used in Addition to Sets Above	Quantity	Type	Quantity	Type	Quantity	Type
Cartridge						
Respirator						
Suit						
Inner Gloves						
Outer Gloves						
Breathing Air Bottle						

Analytical - Analysis Description	# of Tests	Lab Name	# of Tests	Lab Name	# of Tests	Lab Name

Subcontractor Name	Description of Service	Description of Service	Description of Service

CHES Rep (Print): Jim Brack
CHES Rep (Sign):
Date: 12-11-15

Customer (Print): Scott Mercier
Customer (Sign):
Date: 12-11-15

CHI 225-SS (9/07)

IMPORTANT - PAYMENT TERMS ON BACK

ORIGINAL

#4340

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) WO 1503773207-005 SC PPW 12/4/2015 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	MPR577707801	1	(800) 483-3718	009000719 FLE

GENERATOR

5. Generator's Name and Mailing Address

Wynn MA LLC
101 Station Landing. 2nd floor
Medford, MA 02155
Generator's Phone: (857) 770-7801 DAS

Generator's Site Address (if different than mailing address)

1 Horizon Way
Everett,MA 02149

6. Transporter 1 Company Name: **Clean Harbors Environmental Service, Inc.** U.S. EPA ID Number: **MAD039322250**

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address

Clean Harbors of Braintree Inc
1 Hill Avenue
Braintree, MA 02184
Facility's Phone: (781) 380-7100

U.S. EPA ID Number: **MAD053452637**

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON HAZARDOUS, NON D.O.T. REGULATED	1	CM	15	Y	MA01
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

1.CH1102627

Jw3
~~JK 4659~~ CHA 20908

TRANSPORTER INT'L

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jaysi Kaur — Signature: Jaysi Kaur — Month 12 Day 10 Year 15

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Charlie Fitzgerald — Signature: — Month 12 Day 10 Year 15

Transporter 2 Printed/Typed Name: Jim Brooks — Signature: — Month 12 Day 11 Year 15

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Huyen Hoang — Signature: — Month 12 Day 11 Year 15

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) WO 1503773207-005 SC PPW 12/4/2015

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	MP8577707801	1	(800) 483-3718	009000720 FLE

5. Generator's Name and Mailing Address
Wynn MA LLC
101 Station Landing 2nd floor
Medford, MA 02155
Generator's Phone: (857) 770-7801 DK

Generator's Site Address (if different than mailing address)
1 Horizon Way
Everett, MA 02149

6. Transporter 1 Company Name
Clean Harbors Environmental Service, Inc.

U.S. EPA ID Number
MAD039322250

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors of Braintree Inc
1 Hill Avenue
Braintree, MA 02184
Facility's Phone: (781) 380-7100

U.S. EPA ID Number
MAD053452637

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON HAZARDOUS, NON D.O.T. REGULATED	1	CM	15	Y	MA01
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1.CH1102627
TK 4257 CAN# CHRT 25134

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
X Jacqui Krum	X	12	10	15

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Charles Fitzgerald		12	10	15
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
Huyen Hoang		12	10	15

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) WO 1503773207-005 SC PPW 12/4/2015 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MP8577707801	1	(800) 483-3718	009000721 FLE

GENERATOR

5. Generator's Name and Mailing Address

Wynn MA LLC
101 Station Landing. 2nd floor
Medford, MA 02155
Generator's Phone: (857) 770-7801 (DAC)

Generator's Site Address (if different than mailing address)

1 Horizon Way
Everett, MA 02149

6. Transporter 1 Company Name — U.S. EPA ID Number

Clean Harbors Environmental Service, Inc. — MAD039322250

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Clean Harbors of Braintree Inc.
1 Hill Avenue
Braintree, MA 02184
Facility's Phone: (781) 380-7100

MAD053452637

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON HAZARDOUS, NON D.O.T. REGULATED	1	CM	15	Y	MA01
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

1.CH1102627

TK 4257 CHRT 85803

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Jacqui Krum — Signature — Month: 12 Day: 10 Year: 15

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Charles Fitzgerald — Signature — Month: 12 Day: 10 Year: 15

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Hugues Hiang — Signature — Month: 12 Day: 10 Year: 15

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

Clean Harbors of Braintree, Inc.
1 Hill Avenue
Braintree, MA 02184

(781) 380-7100

Date - 12-11-15

Generator -

Lowell

H.W.F.

Trailer #/Can # CHRT 2090G

Gross

TARE

Manifest # 009000719FLE

NET

Drivers Name - Co # Jim Brochu

[illegible] 11:48AM 12/11/2015

5160

52240

[illegible] 11:57AM 12/11/2015

24060

Driver

ON OFF

Recorded

SW 1600773207

CHI-214 (Rev. 8/07)

Clean Harbors of Braintree, Inc.
1 Hill Avenue
Braintree, MA 02184

(781) 380-7100

Date - 12-10-15

Generator - Wynn MA LLC

H.W.F.

Trailer #/Can # CHRT25134

Gross 61000

TARE 54480

NET 25920

Manifest # 009000720 FLE
150377320 7-005

Drivers Name - Co # C. Fitzgerald

Driver
ON OFF

Recorded

SW

CHI-214 (Rev. 8/07)

Clean Harbors of Braintree, Inc.
1 Hill Avenue
Braintree, MA 02184

(781) 380-7100

Date - 12 - 10 - 15

Generator - Wynn MA LLC

H.W.F.

Trailer #/Can # CHRT25803

Gross 51600

TARE 63500

NET

Manifest # 009000721 FLE

150379320 7-005

Drivers Name - Co # C. Fitzgerald

Gross 28660

Driver

ON OFF

Recorded

SW

CHI-214 (Rev. 8/07)